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THE ARCHITECT

VOLUME XIII · NUMBER 6
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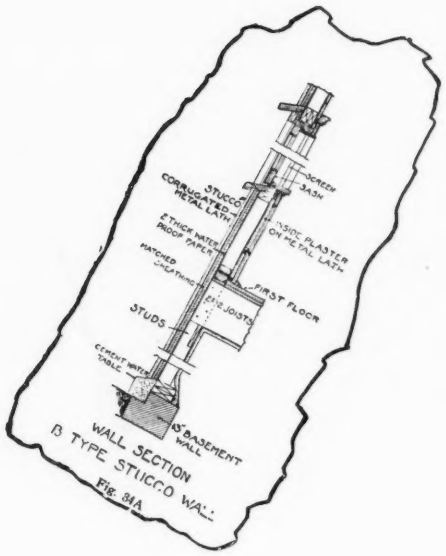

This is a standard detail for stucco wall construction.

The residence above is an interesting example of the effectiveness of stucco over "Kno-Burn" Expanded Metal Lath.

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Architects will find useful information as to harmony and color suggestion by consulting Sheet No. 4, Series No. 18 of SERVICE SHEETS, published by the Architectural Service Corporation. Portfolios of leading manufacturers' technical material containing these sheets may be purchased by consulting The Architect Press. Prices and particulars on request.

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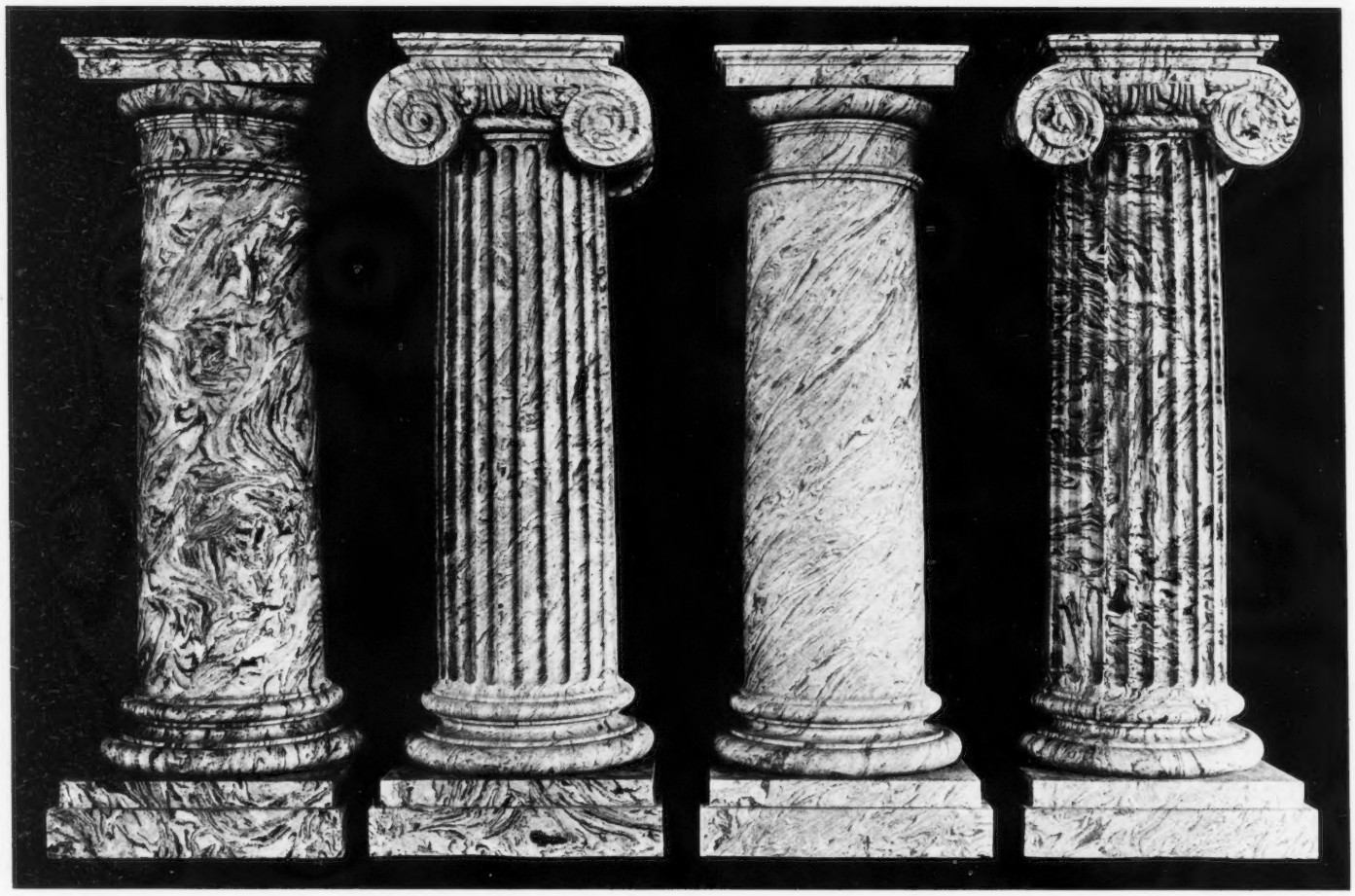

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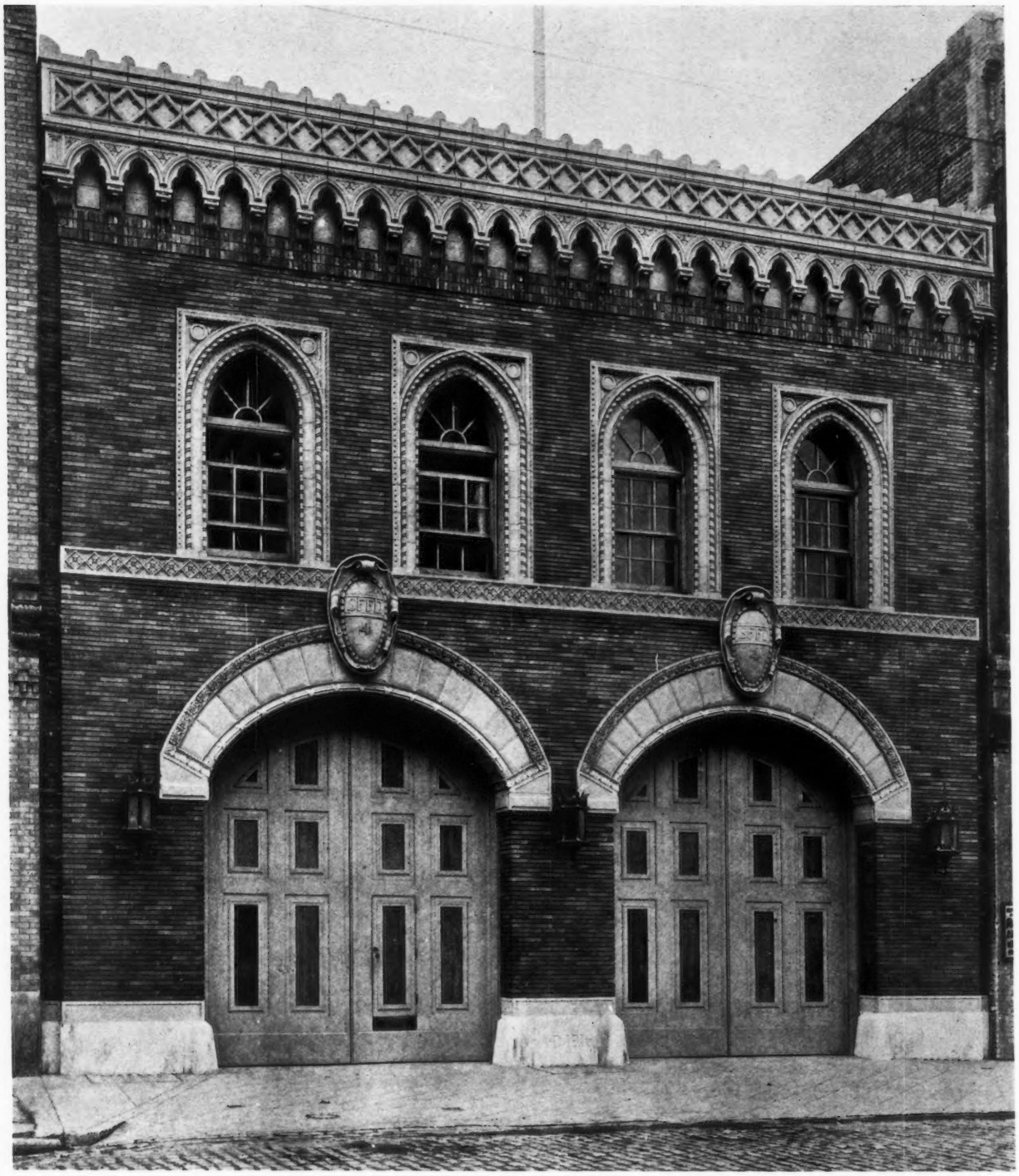

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Vol. XIII. No. 6

THE ARCHITECT

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HARRIS ALLEN
EDITOR

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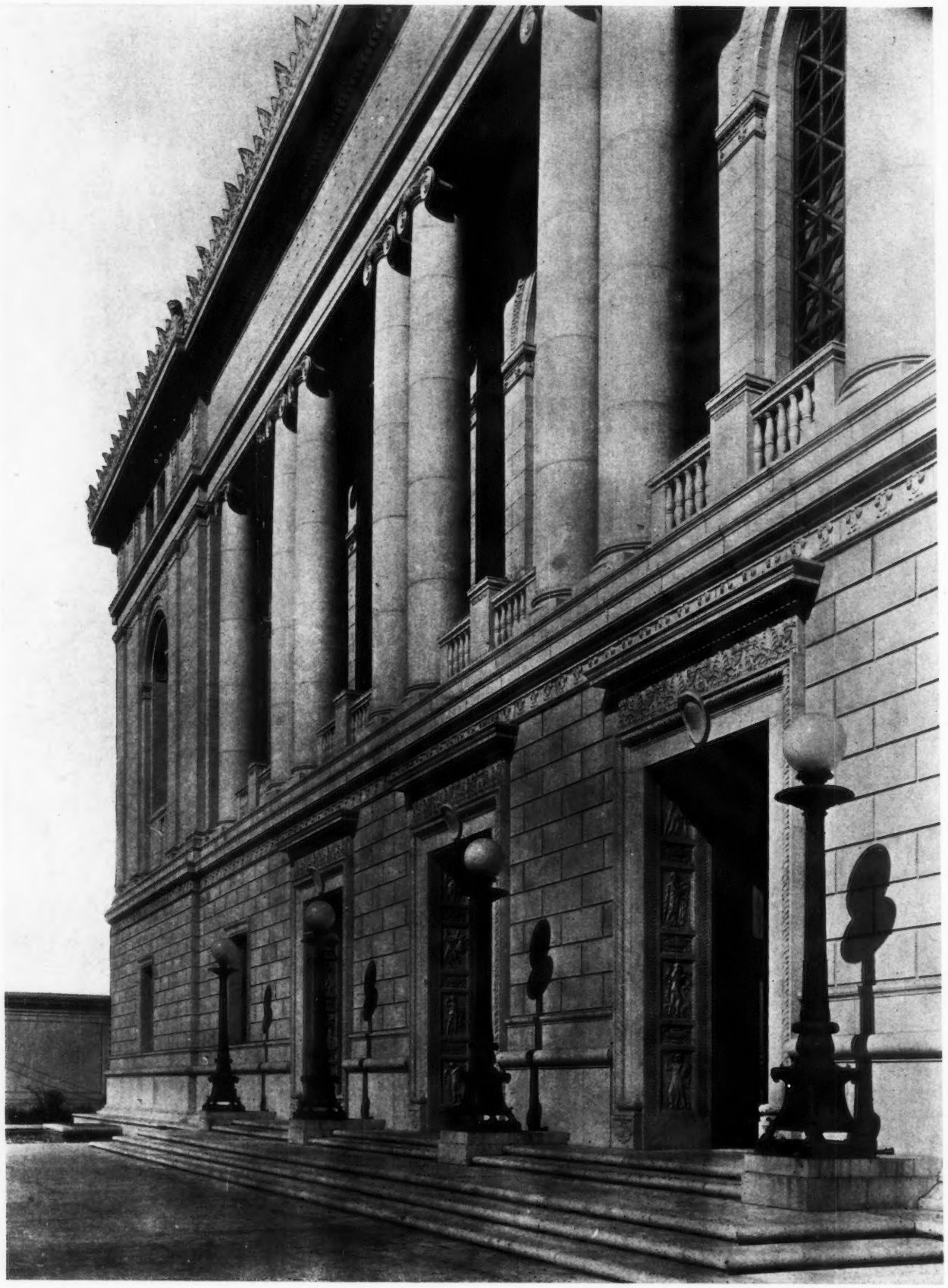
¶ The editor will be pleased to consider contributions of interest to the profession. When payment for same is desired, this fact should be stated. E. D. McDonald, Northwest Representative, 4100 Arcade Building, Seattle, Washington.



WEST FACADE GEORGE W. KELHAM, ARCHITECT

The Public Library of the City and County of San Francisco

THE ARCHITECT

VOL. XIII SAN FRANCISCO, JUNE, 1917 NO. 6

MURAL PAINTING by F. V. DU MOND, IN REFERENCE ROOM, SAN FRANCISCO PUBLIC LIBRARY Photo by Cardinell-Vincent Co., S. F.

The San Francisco Public Library

By HARRIS ALLEN

THERE are two reasons for the illustration and description of a newly erected building, especially a public building or one that is more or less monumental in character. From the standpoint of architectural design, an unprejudiced criticism of its strength or weakness of composition, an appreciation of special points of esthetic merit, are in order. For the purpose of record, and for comparative reference in future work, statistics of material, capacity, construction and cost are of value.

The architectural excellence of the new San Francisco Public Library is a source of satisfaction to the city and to the profession. The general composition is clearly set forth in the various illustrations, but there are certain points to which it is worth calling special attention.

As the library faces the City Hall on the Civic Center plaza, there ensued the problem of developing a treatment which should be harmonious in scale and line with a building having double the frontage. This did not necessarily imply a literal adoption of style, and in fact the design of the library, conceived in the best feeling of the Italian Renaissance, shows the radical difference in attitude which probably exists between the architects of the two buildings. But it involved the use of an applied order set upon a high base, with the main limiting lines at approximately the same level as the neighboring buildings.

A colonnade is the noblest form of architecture, but a colonnade set on a high base or wall pierced full of openings loses much of its dignity. Mr. Kelham has avoided this danger and yet preserved the features of the design harmonious to the Civic Center treatment already decided, and consistent with the style he has adopted, which is refined but not anemic, classic but not archaic. It is interesting to analyze the varied and legitimate means by which this result has been accomplished.

MURAL PAINTING by F. V DU MOND, IN REFERENCE ROOM, SAN FRANCISCO PUBLIC LIBRARY Photo by Cardinell-Vincent Co., S. F.

He has so grouped and proportioned the openings in the basement story as to give the appearance of a very solid base for columns and pilasters. Yet the rooms are sufficiently lighted, owing to their happy disposition. He has so emphasized the horizontal lines of the base, by rustication, sub-bases, and string courses, as to lessen materially its apparent height.

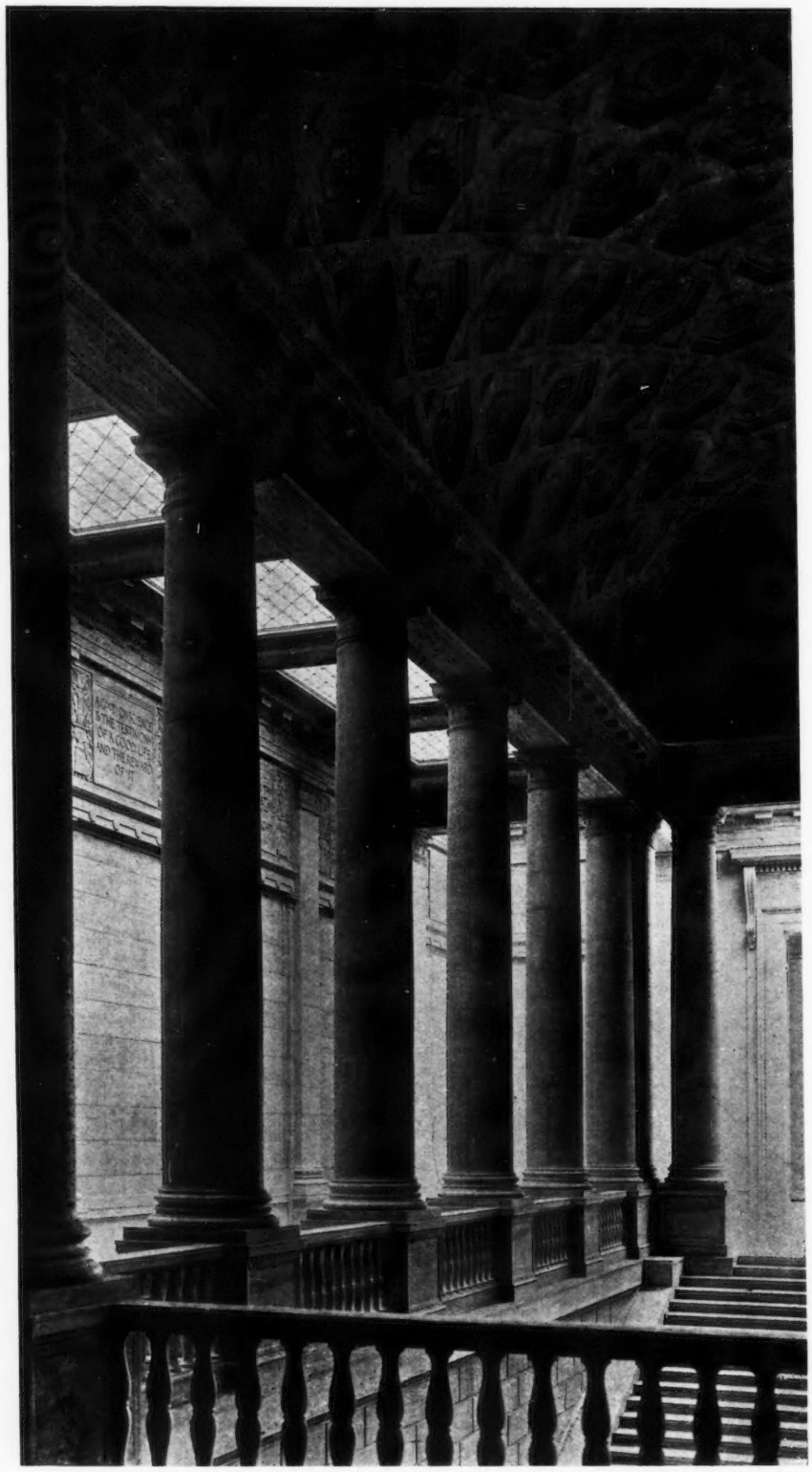
He has grouped his columns in twos, thereby emphasizing their height, and also giving a vigor and strength to the composition, which is balanced by the broad, flat spaces of the two end pavilions. This strength of treatment is carried on by the fine, big, simple arches.

And, finally, he has imposed an attic story that justifies the sturdiness of coupled columns, that accents the divisions of the design by its carved panels and small openings, and that is crowned by an ornamented cresting, which, though restrained, is sufficiently elaborate for a public building of this character.

It is to be noted that the monumental feeling of the library will be increased by the statuary, for which pedestals have been provided, in the shallow loggia on the main facade, and on the broad entrance terrace.

Architectural ornament has been sparingly used and is extremely effective. The workmanship of details, the modeling of capitals, balusters, panels and cornice, are all excellent.

As far as its exterior is concerned, then, it may be granted that the library will prove a satisfying member of the Civic Center group. It is always interesting to see what relation the interior of a building bears to its envelope. Too often they do not belong to the same family. And even when a certain or uncertain degree of consanguinity is admitted, they are quite likely to be as far removed in spirit as proverbial rich and poor relations.



Stair Hall, Looking Toward Delivery Room — San Francisco Public Library

GEORGE W. KELHAM, Architect

Practical considerations must, of course, be taken into account; and there will probably be some people who will criticise this building under the sincere delusion that a stack, a counter and a table are the only essentials of a library. These people, as they pursue their investigations, will find that no practical essentials have been omitted, but that the sense of the beautiful has been considered quite as necessary for the interior as for the exterior of this building.

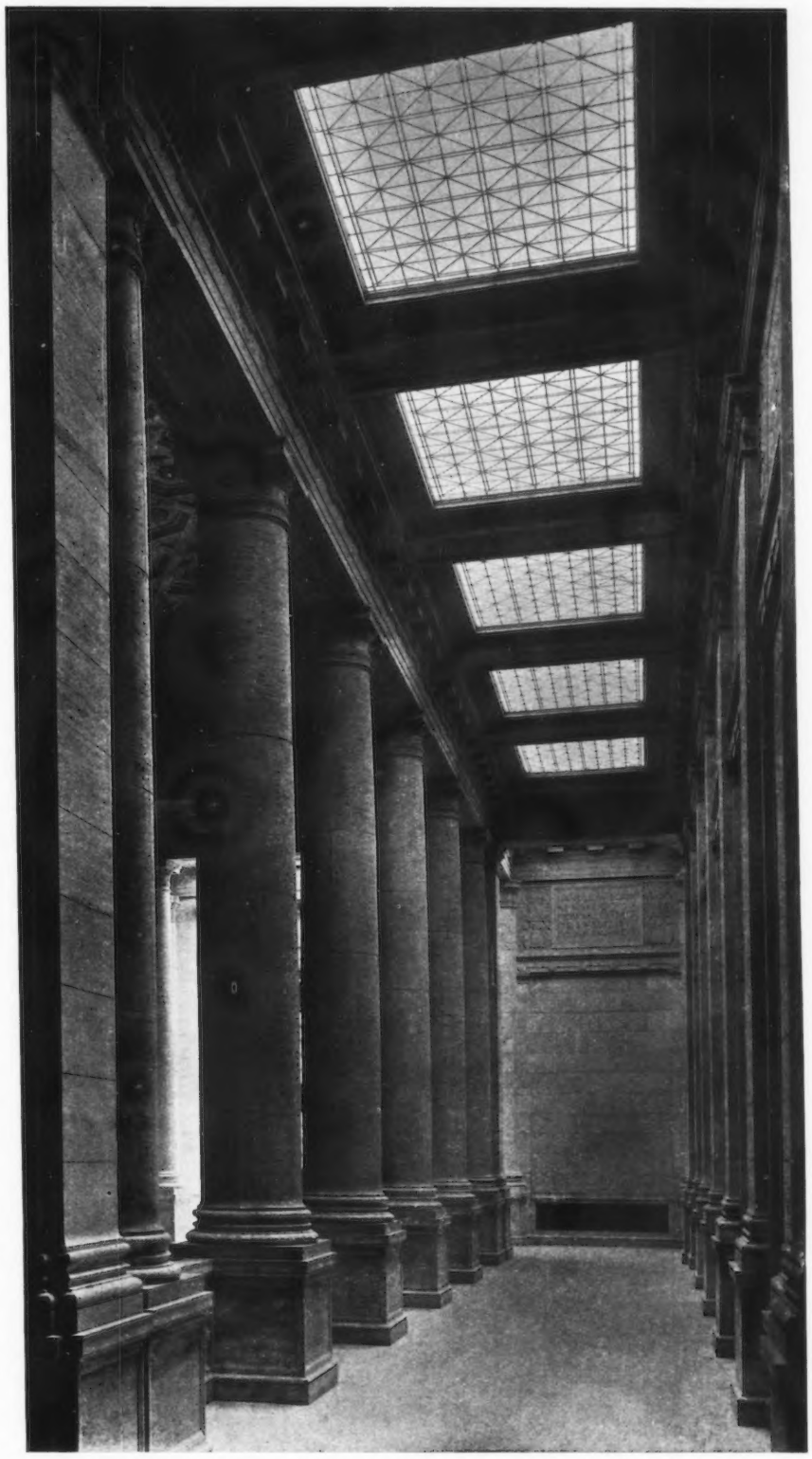
The public approaches to the architectural and business center, the delivery room, should please the most captious with the harmony and dignity of their style, with their adequacy to the purpose. The delivery room is square, with a very

simple Palladian motive, but of such noble proportions and with such a mellow glow of light and color, as to be very impressive, and in its way, and for its uses, a masterpiece.

The detail of the interior is restrained in color and refined in form. A skilful combination of real Travertine stone, for floor, base and balustrade, with artificial Travertine for walls and columns, has been used throughout what might be called the public portion of the library; the main vestibule, stair hall and delivery room. The ceilings, whether modeled delicately in flat relief or coffered or paneled, correspond in tone to the Travertine walls, and the general effect is one of great dignity and repose, well suited to the dual character of a building maintained by a large community for the use of its individual citizens.

The large mural paintings and the ornamental ceilings in reading and reference rooms afford exactly the necessary relief from the expanse of putty-colored walls. The colors they supply are in the nature of pastelle shades, rich and varied, but harmonious. After the "newness" has worn off, these great wall decorations will well suggest the tapestries they are evidently intended to represent.

The light fixtures and bronze work are detailed with a fine sense of proportion and design, and reflect in color either the warm buff of walls or the soft brown of oak fittings.



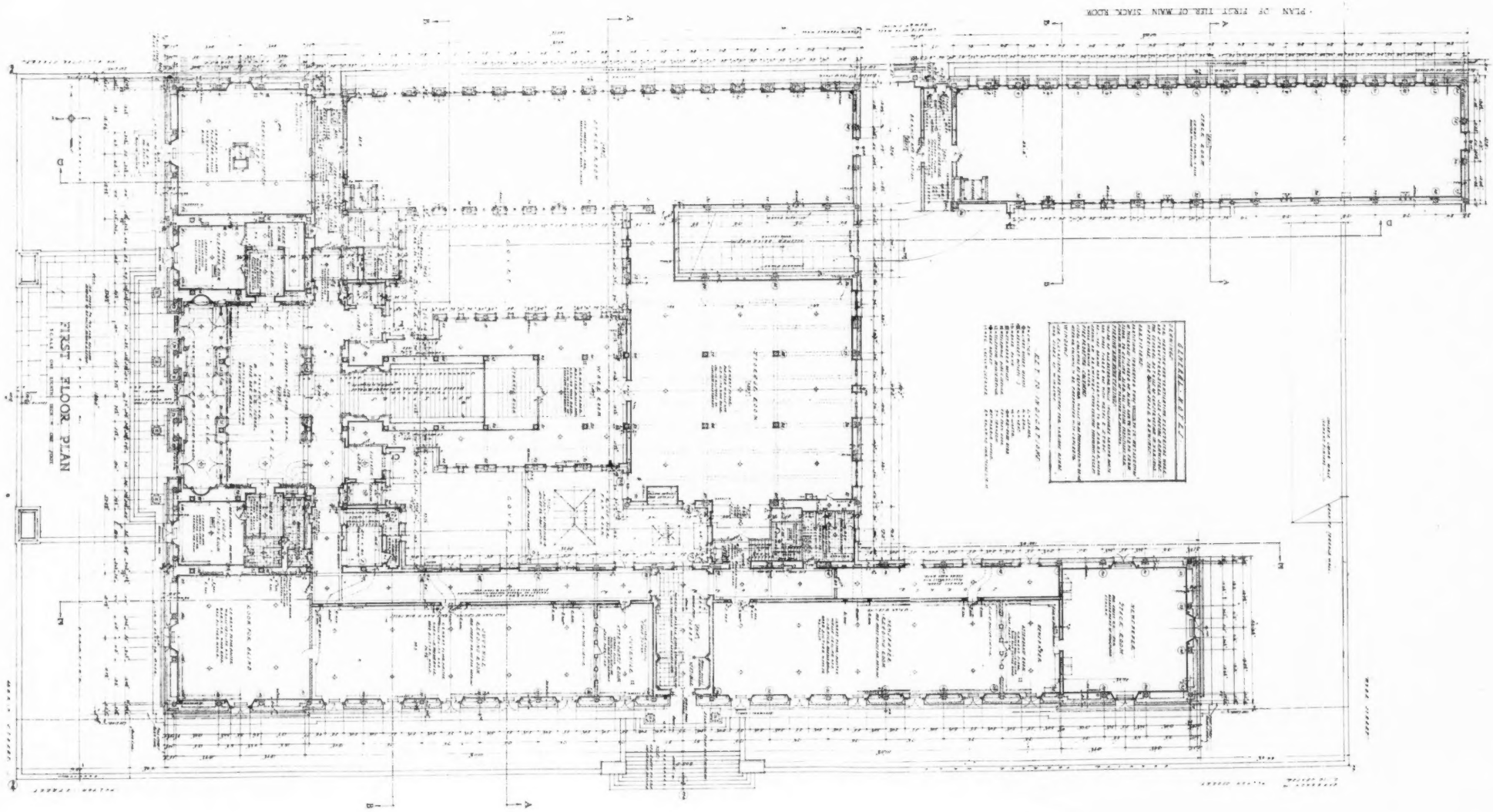
Colonade Stair Hall — San Francisco Public Library

GEORGE W. KELHAM, Architect

In connection with the plan, it is evident at a glance that the location of delivery room is logical and convenient, both for present use and for future extensions. A connecting link similar to that between delivery and reading rooms will lead to a room along the east front to be used for special or memorial reading room, while the stack room will be extended to the same line, nearly doubling its capacity.

The delivery desk before the stack room controls the return of all circulating books, both from stacks and from the cases in the main reading room. These latter are sent by book conveyor, under the floor, to distributing room, from which attendants return them to the wall cases in the general reading room. The books as selected from these cases are checked out by attendants in charge of desk at the door. This system has worked out to the entire satisfaction of the public and the library staff. The general catalogue of all circulating books is filed in cases at one side of the delivery room.

The use of intercommunicating telephone system has much simplified the attendant service. Another innovation is the placing of cataloguing rooms directly over stacks.



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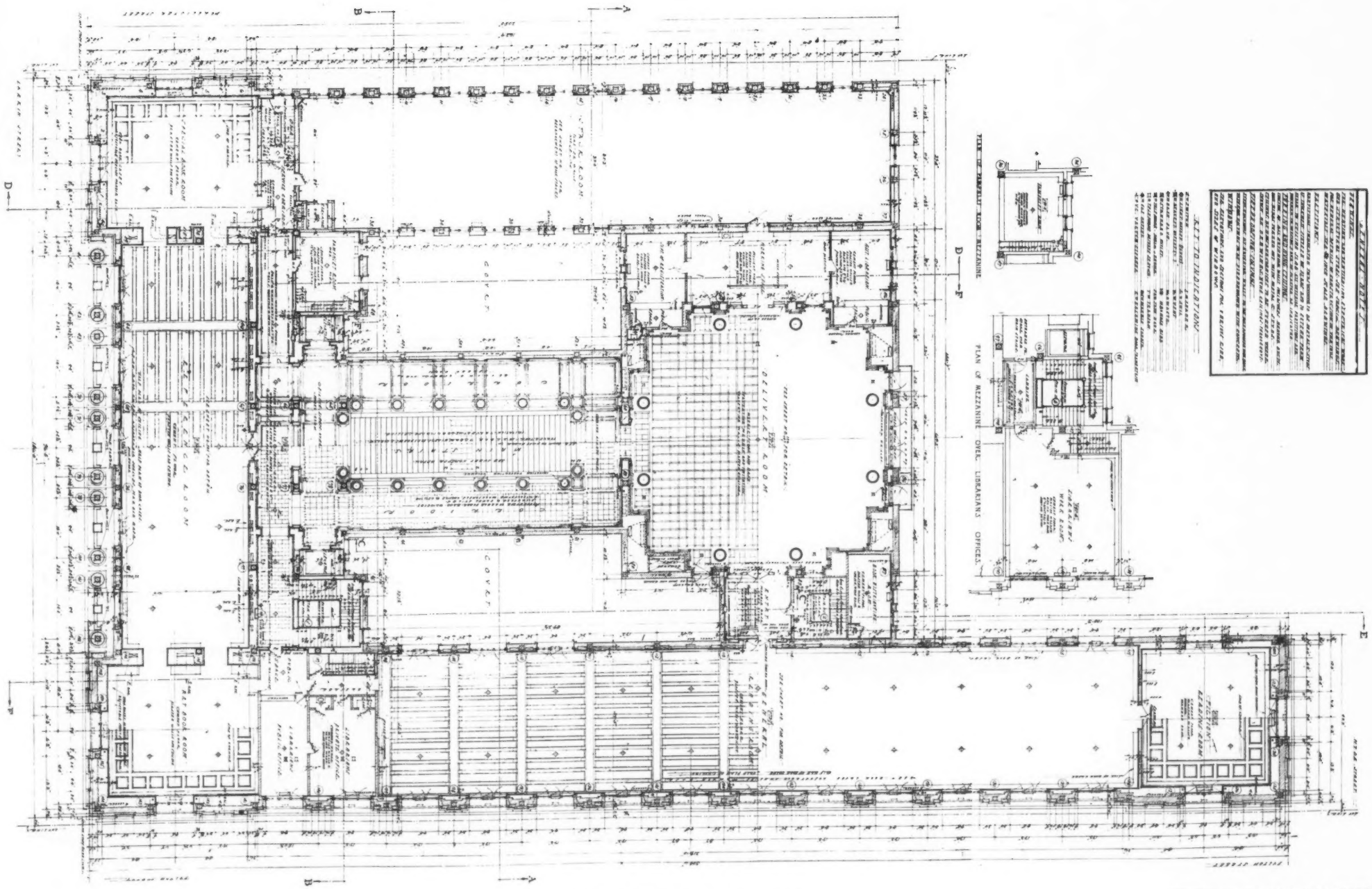

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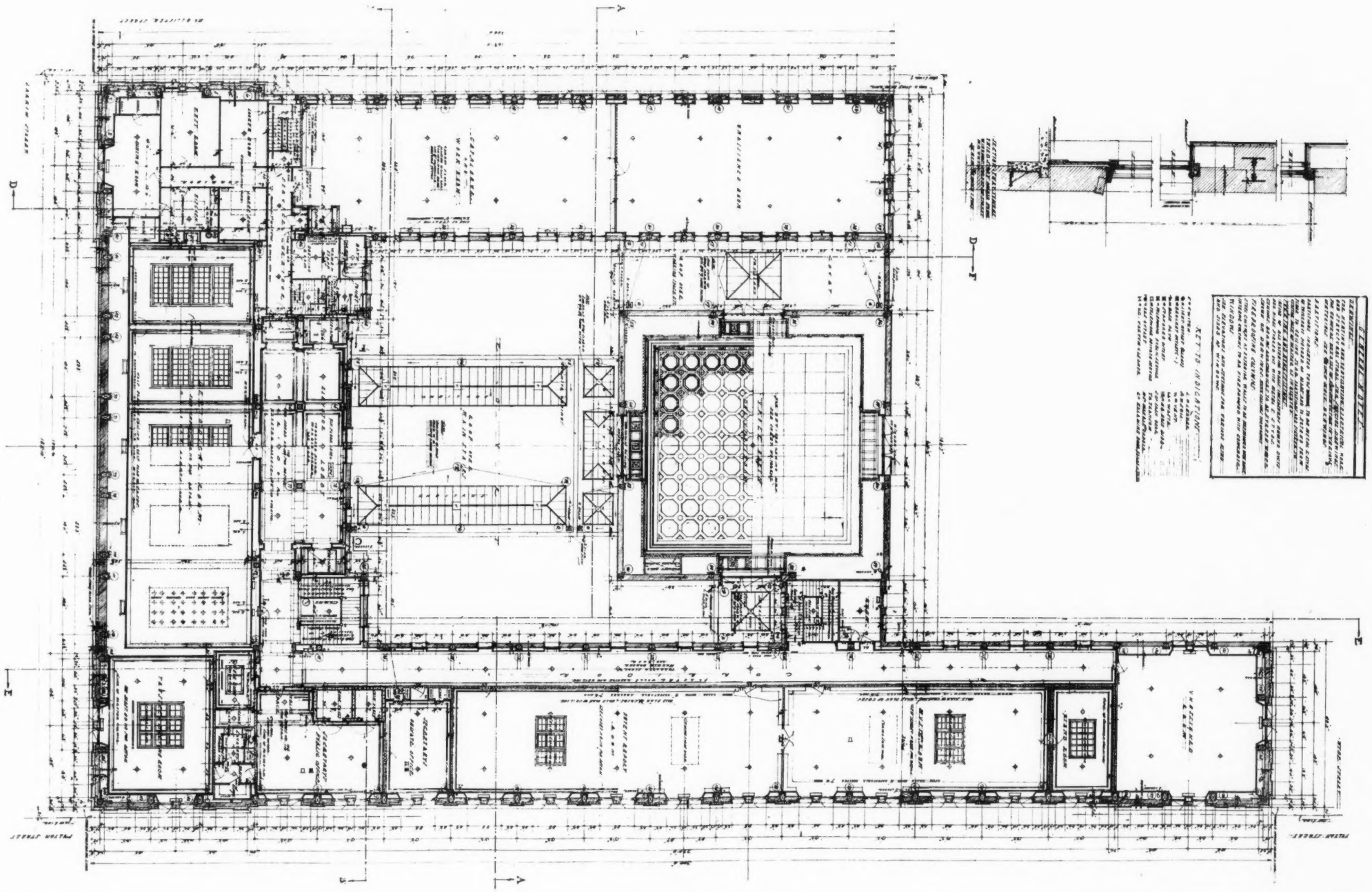

THIRD FLOOR PLAN

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THE PUBLIC LIBRARY OF THE CITY AND COUNTY OF SAN FRANCISCO
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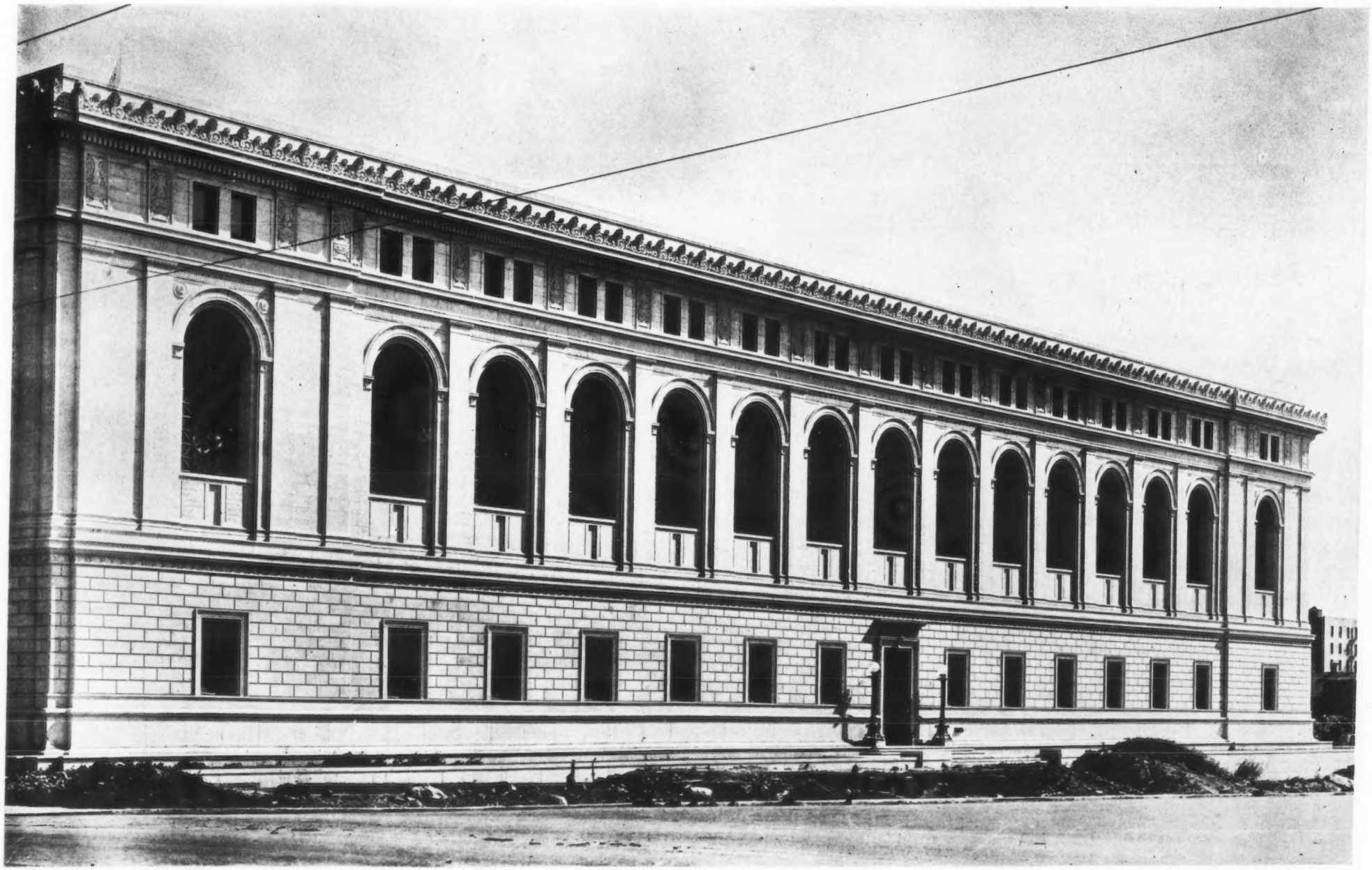
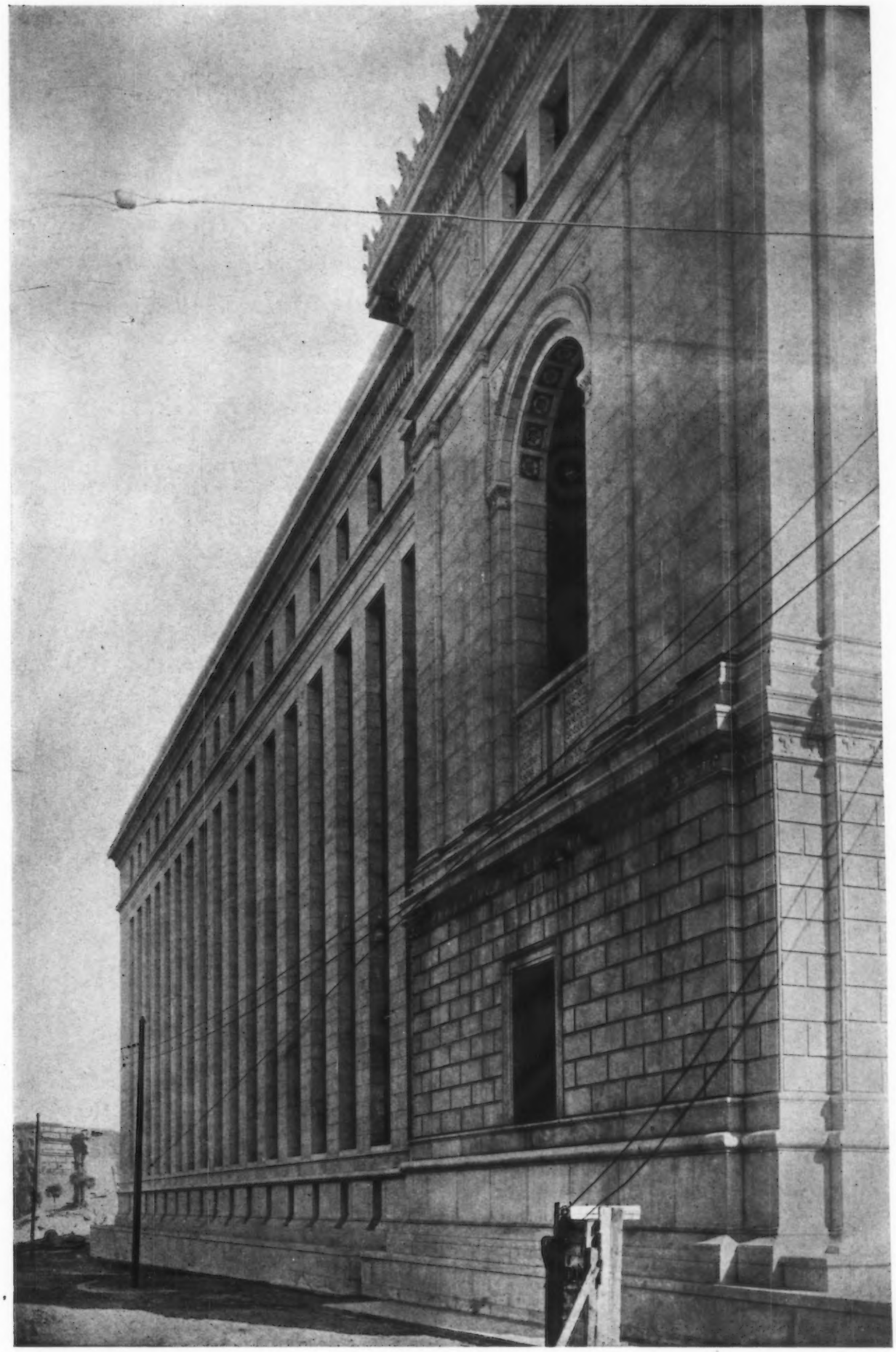
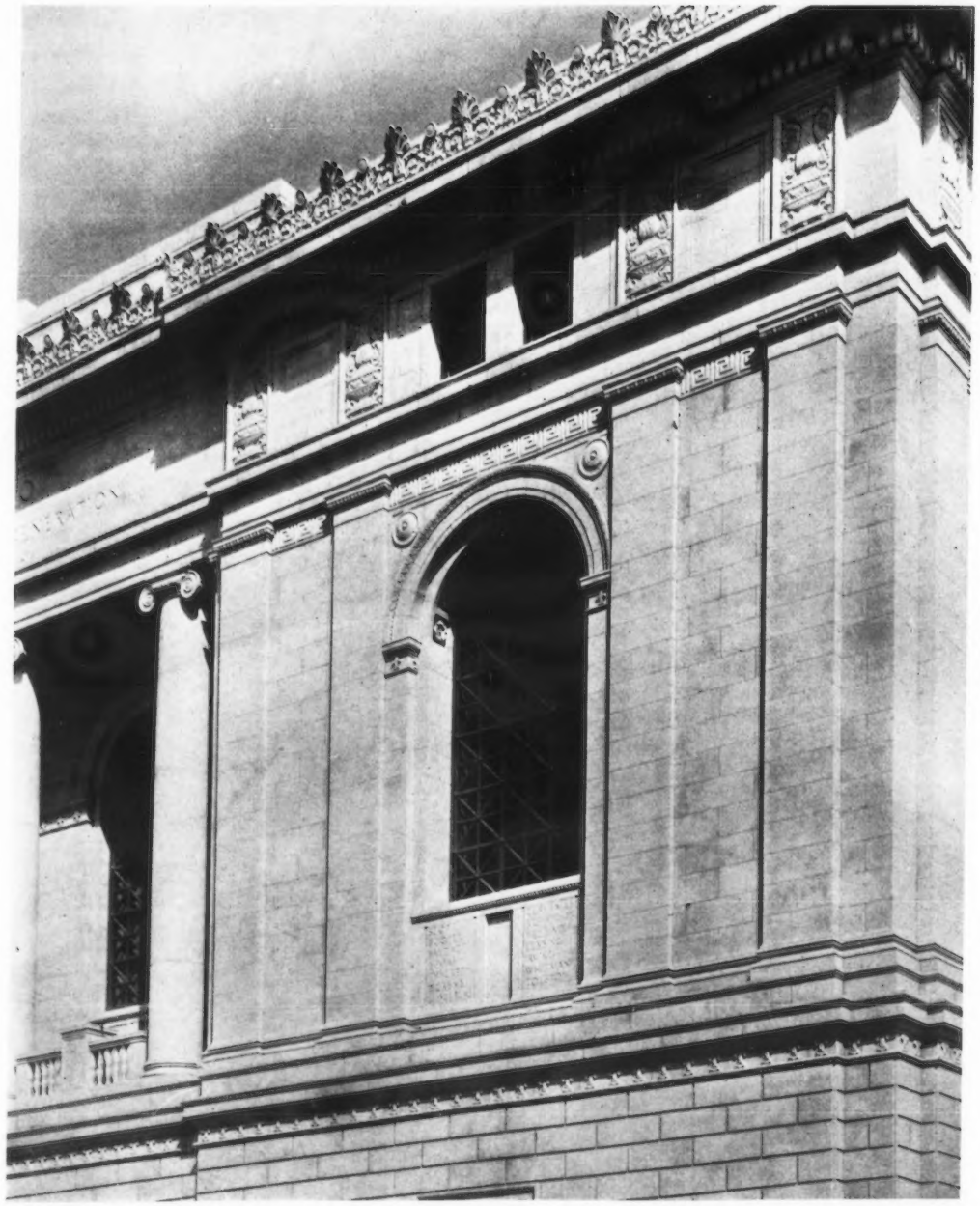


SOUTHEAST FACADE SAN FRANCISCO PUBLIC LIBRARY GEORGE W. KELHAM, ARCHITECT



McALLISTER STREET FACADE SAN FRANCISCO PUBLIC LIBRARY GEORGE W. KELHAM, Architect



DETAIL OF WEST FACADE

ENTRANCE DOOR

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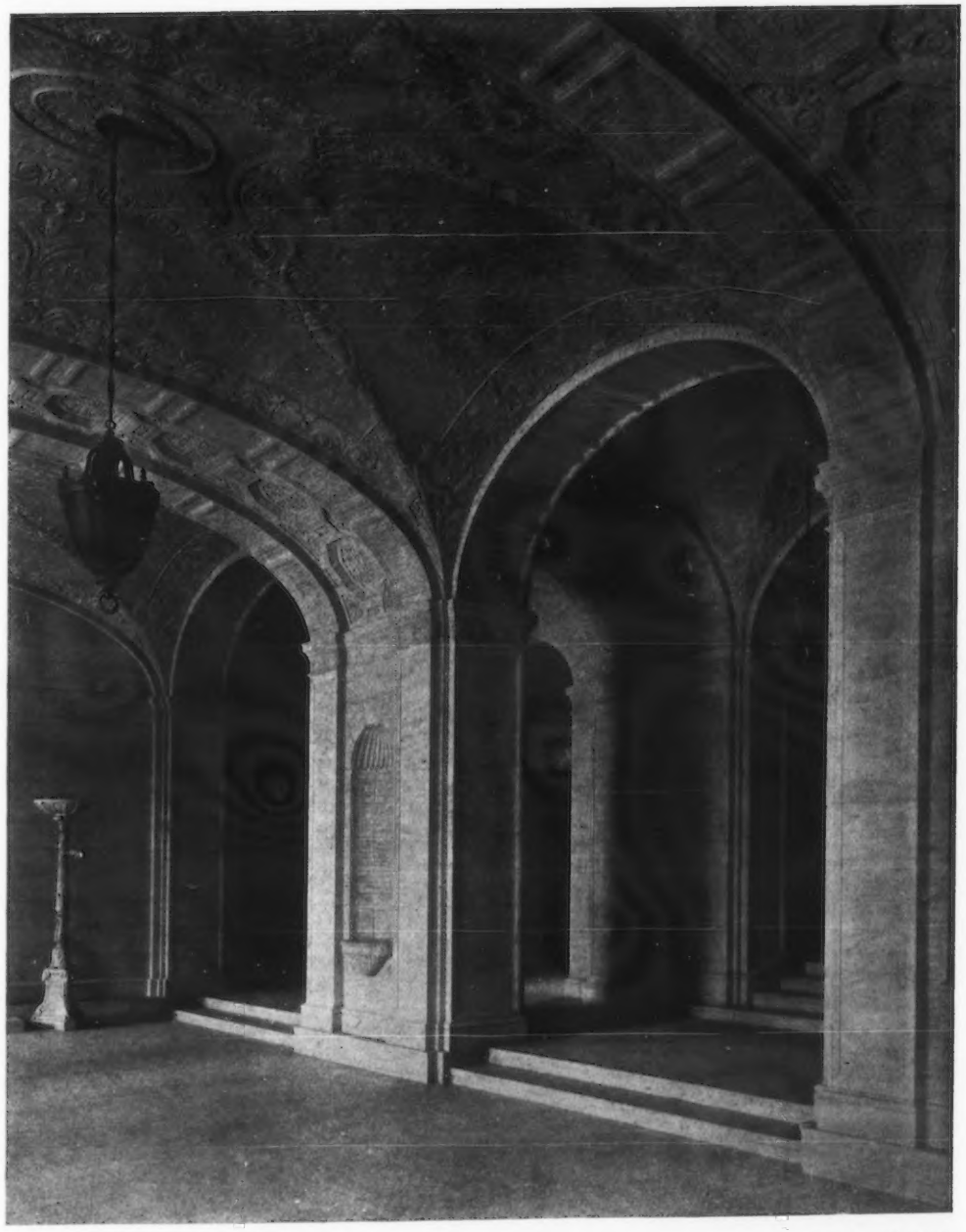
ENTRANCE HALL



ENTRANCE HALL

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ENTRANCE VESTIBULE

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DETAIL OF DELIVERY ROOM
LOOKING TOWARDS ENTRANCE

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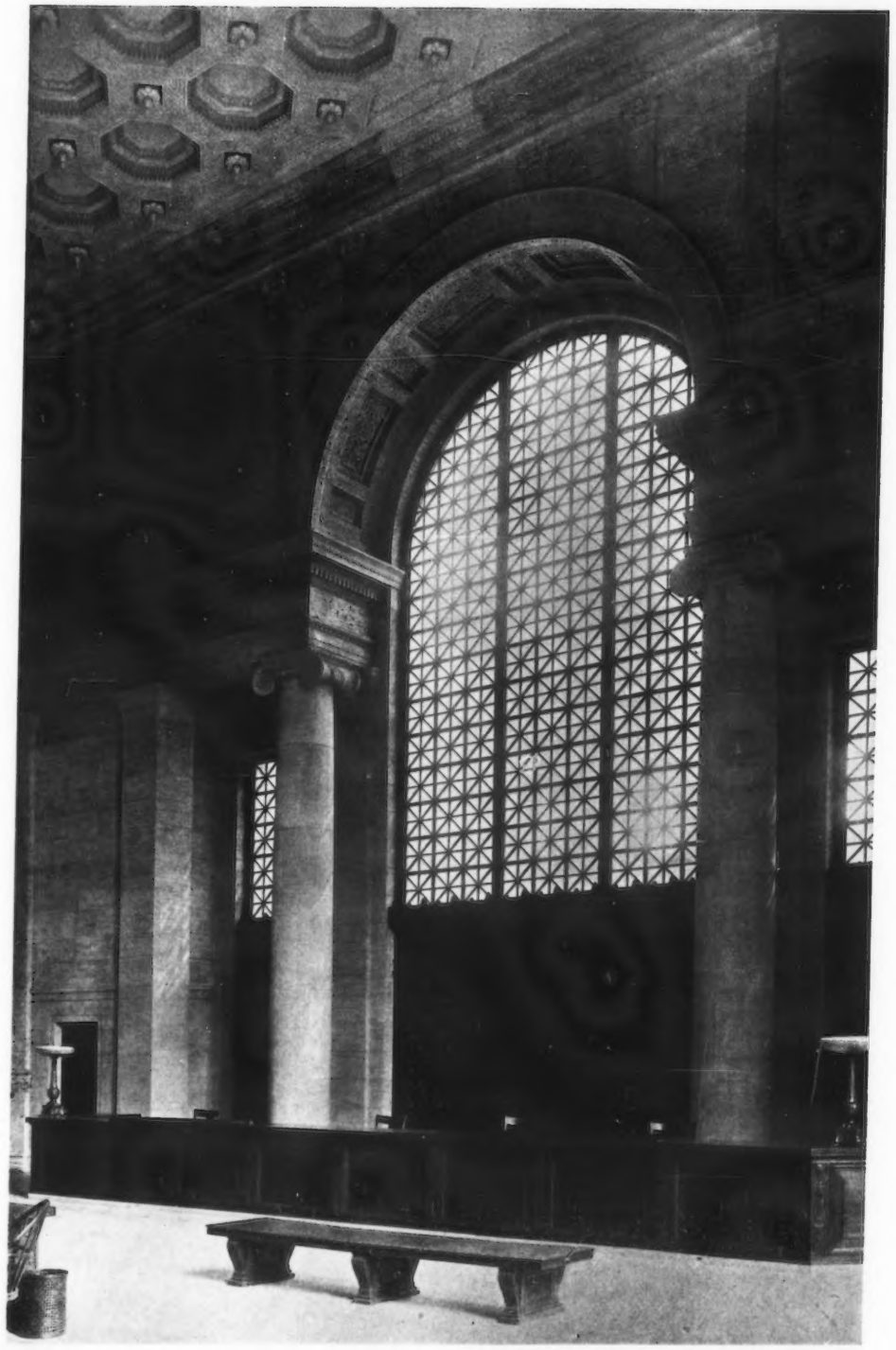
STAIR HALL FROM DELIVERY ROOM



DELIVERY ROOM LOOKING TOWARDS DELIVERY DESK

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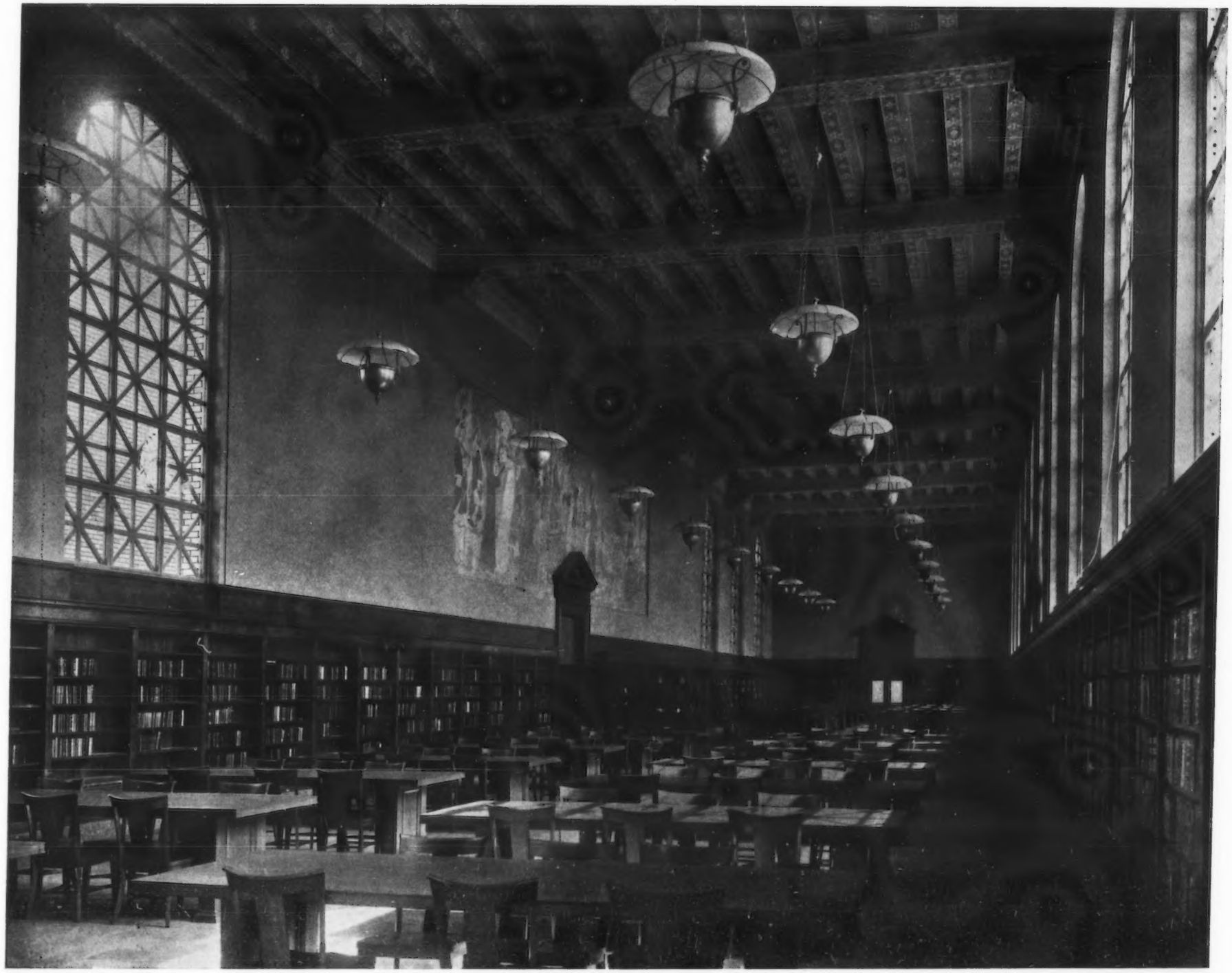

GENERAL READING ROOM SAN FRANCISCO PUBLIC LIBRARY GEORGE W. KELHAM, ARCHITECT

REFERENCE ROOM

LAMP STANDARD IN DELIVERY ROOM

BRONZE SCREEN, DELIVERY ROOM

SAN FRANCISCO PUBLIC LIBRARY

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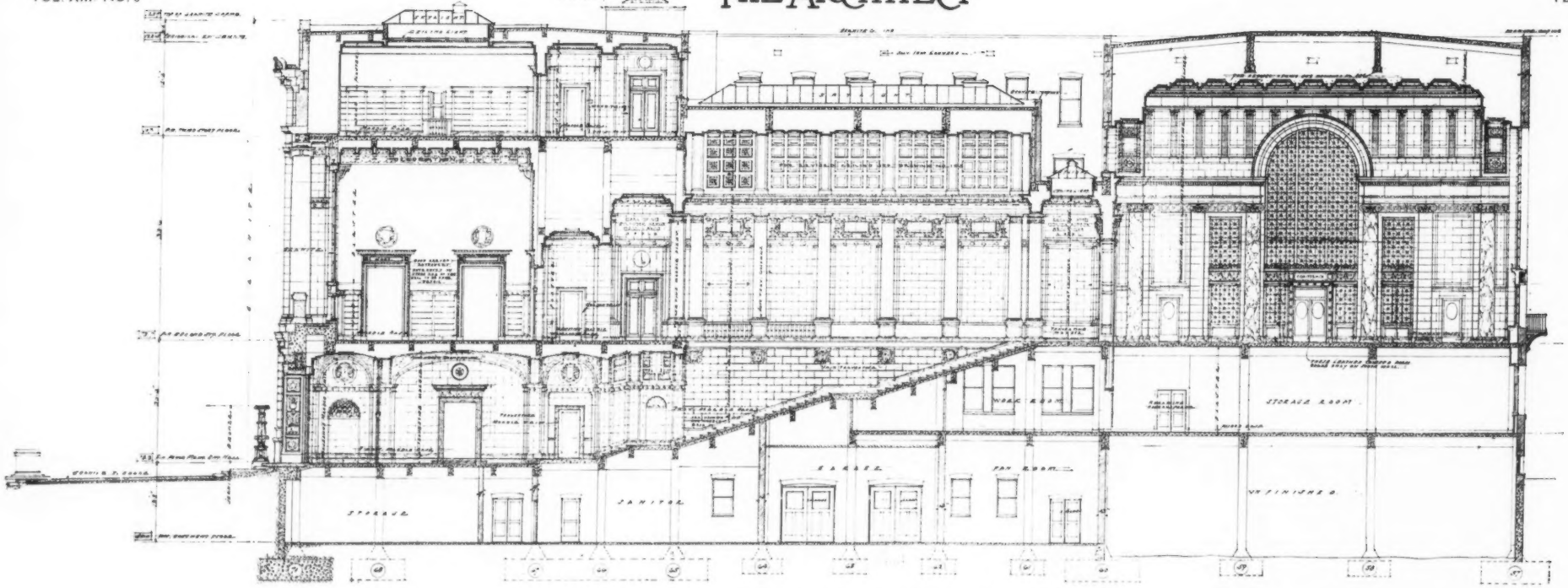
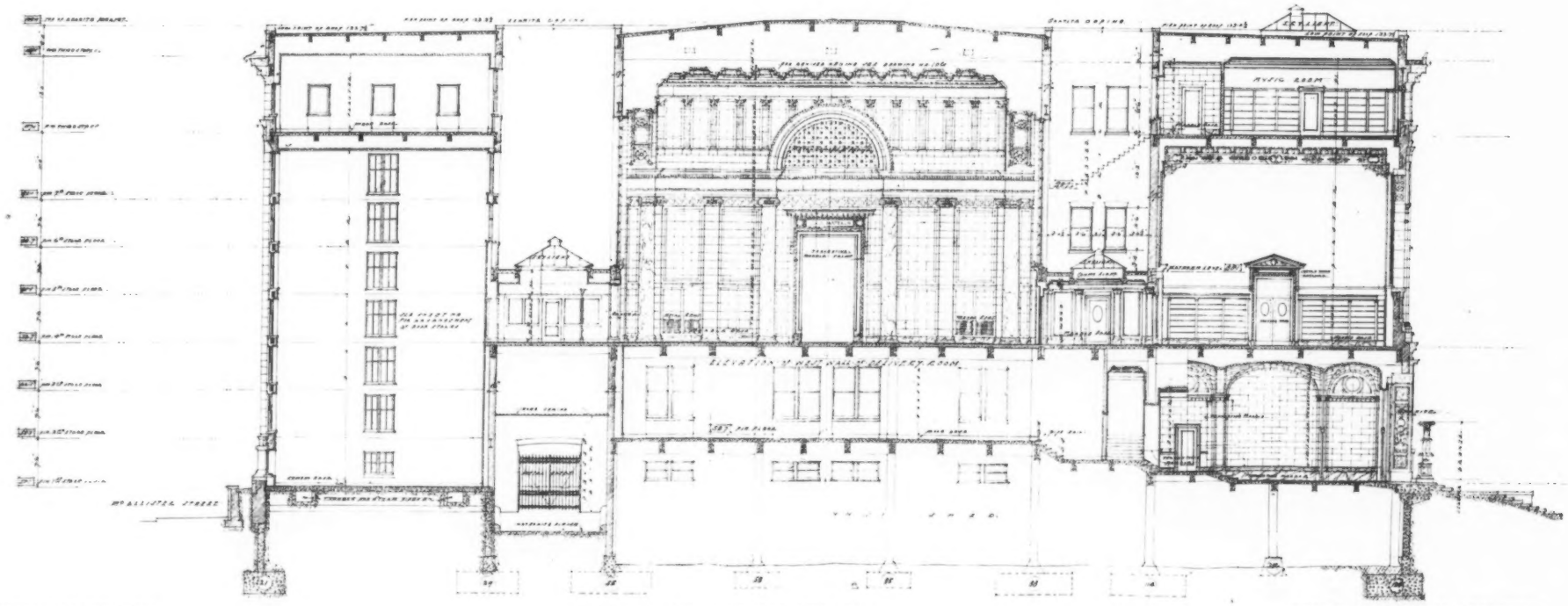


LONGITUDINAL SECTION ON AXIS LINE



TRAVERSE SECTION ON AXIS LINE

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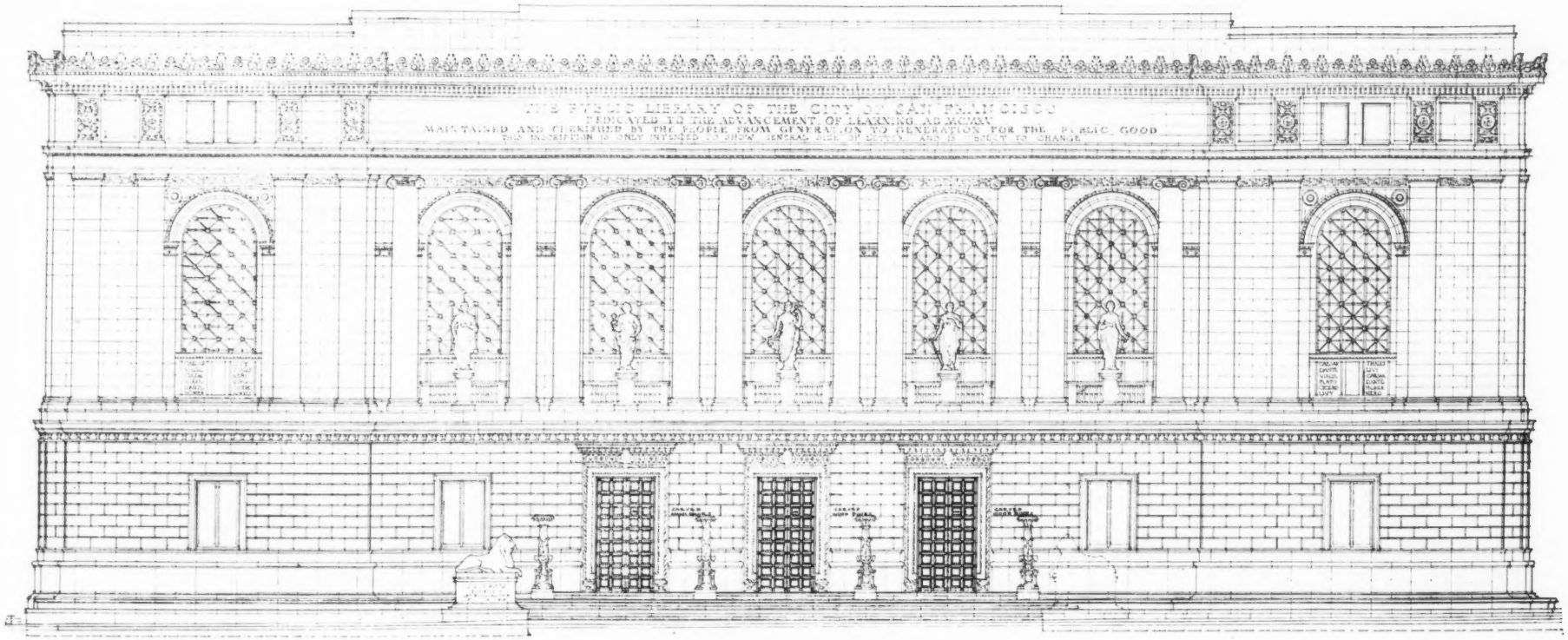
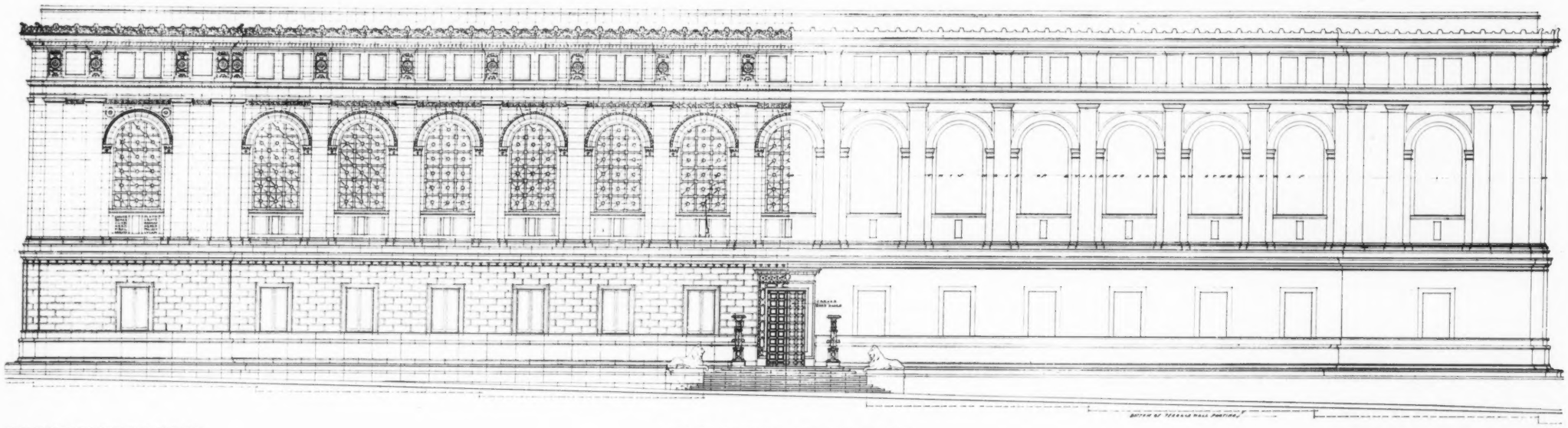


LARKIN STREET ELEVATION



FULTON STREET ELEVATION

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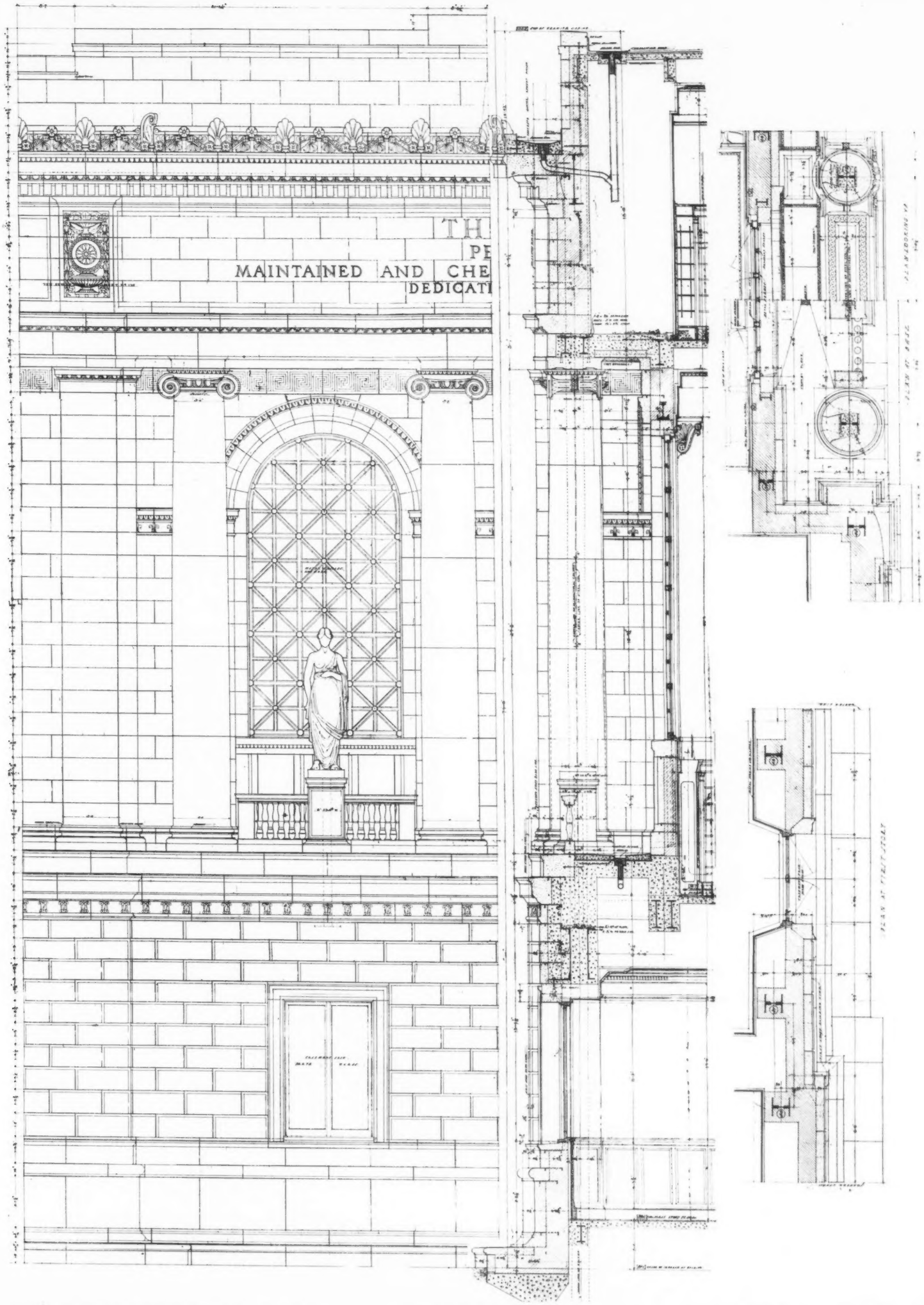

DETAIL OF CENTRAL PORTION OF LARKIN ST. FACADE

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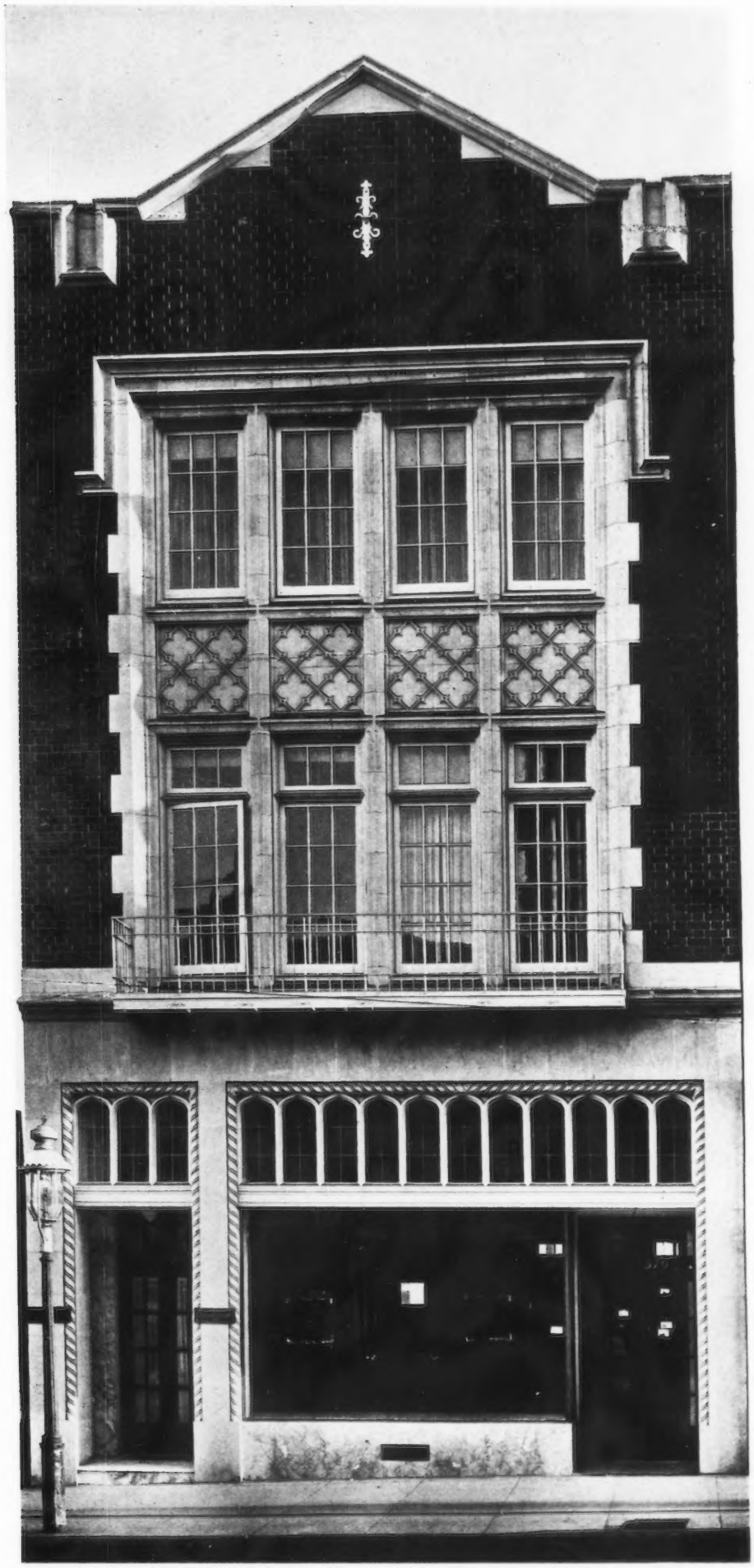
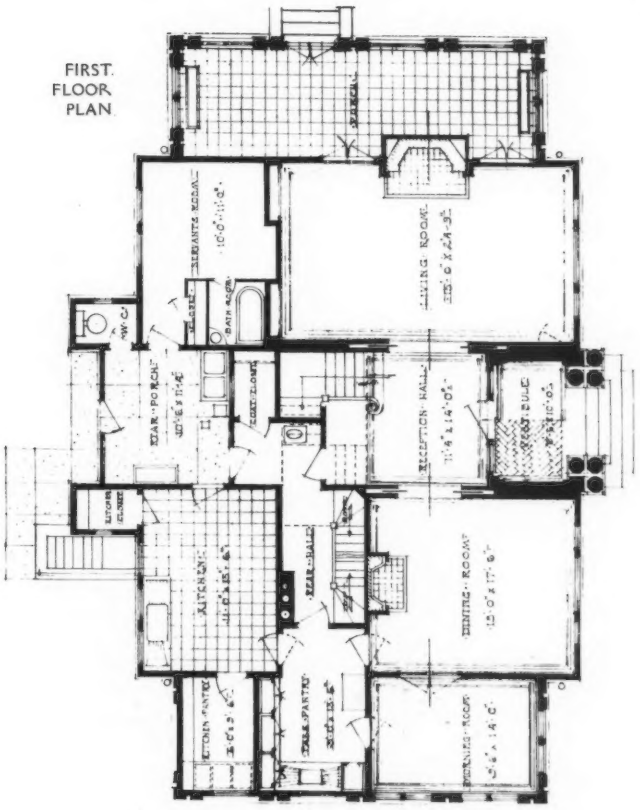


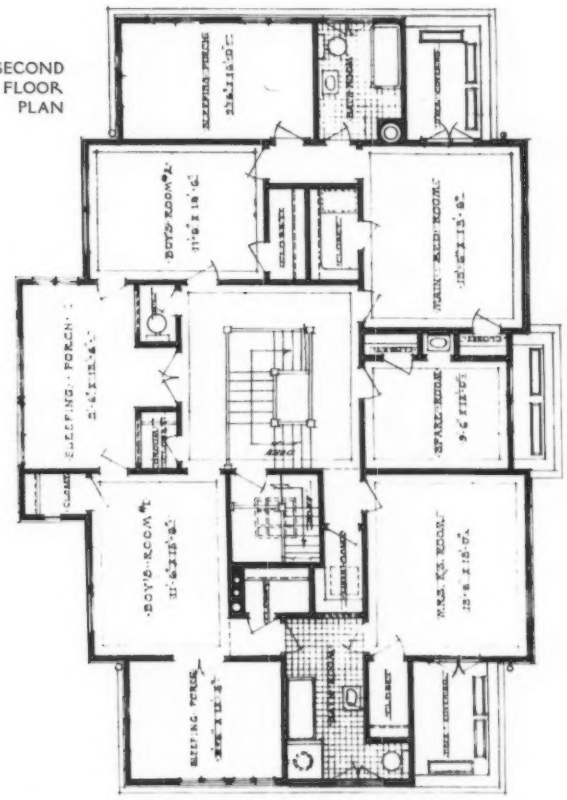
PHYSICIAN'S OFFICE, LIVING APARTMENTS AND STORE FOR MR. MANFRED BRANDENSTEIN
SYLVAIN SCHNAITTACHER, ARCHITECT

EXTERIOR VIEW

FIRST FLOOR PLAN



SECOND FLOOR PLAN



RESIDENCE OF MR. EDWARD LIVINGSTON, HILLSBOROUGH, CAL.

SYLVAIN SCHNAITTACHER, ARCHITECT

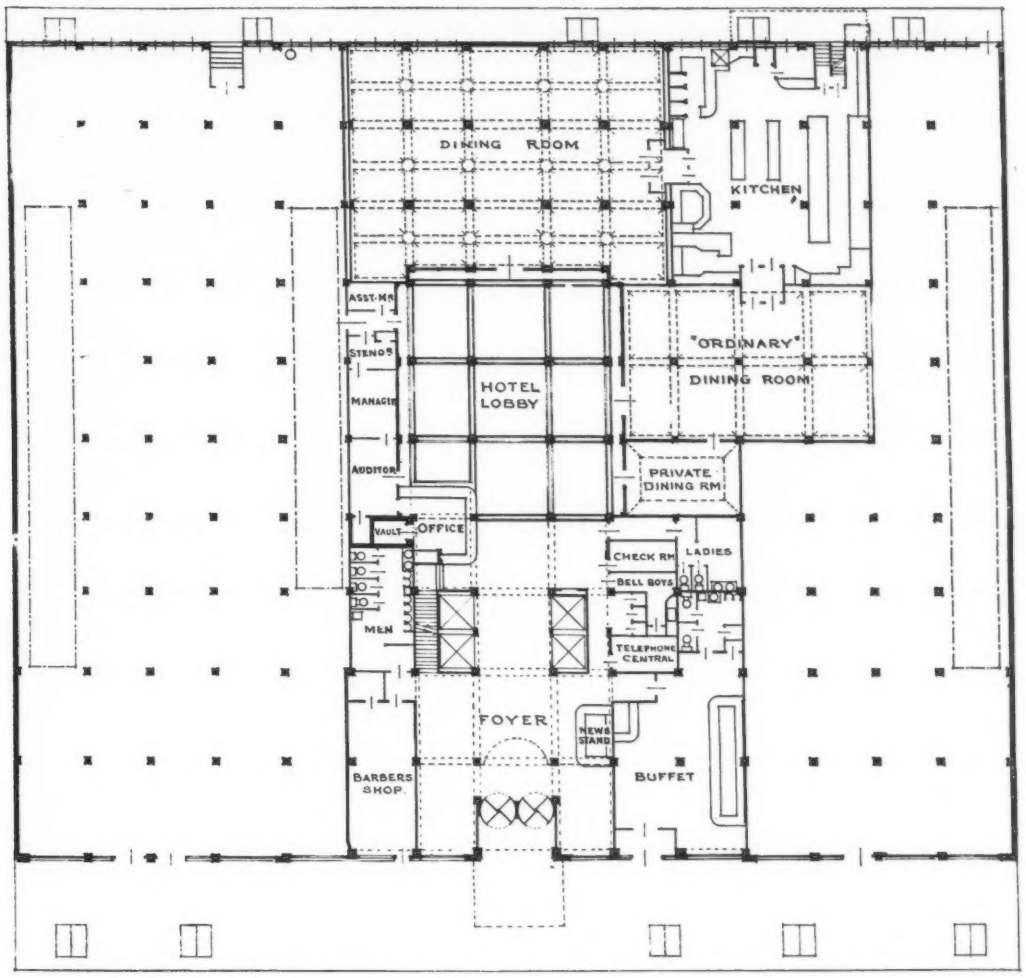
HOTEL WHITCOMB, SAN FRANCISCO
WRIGHT & RUSHFORTH, ARCHITECTS

DINING ROOM

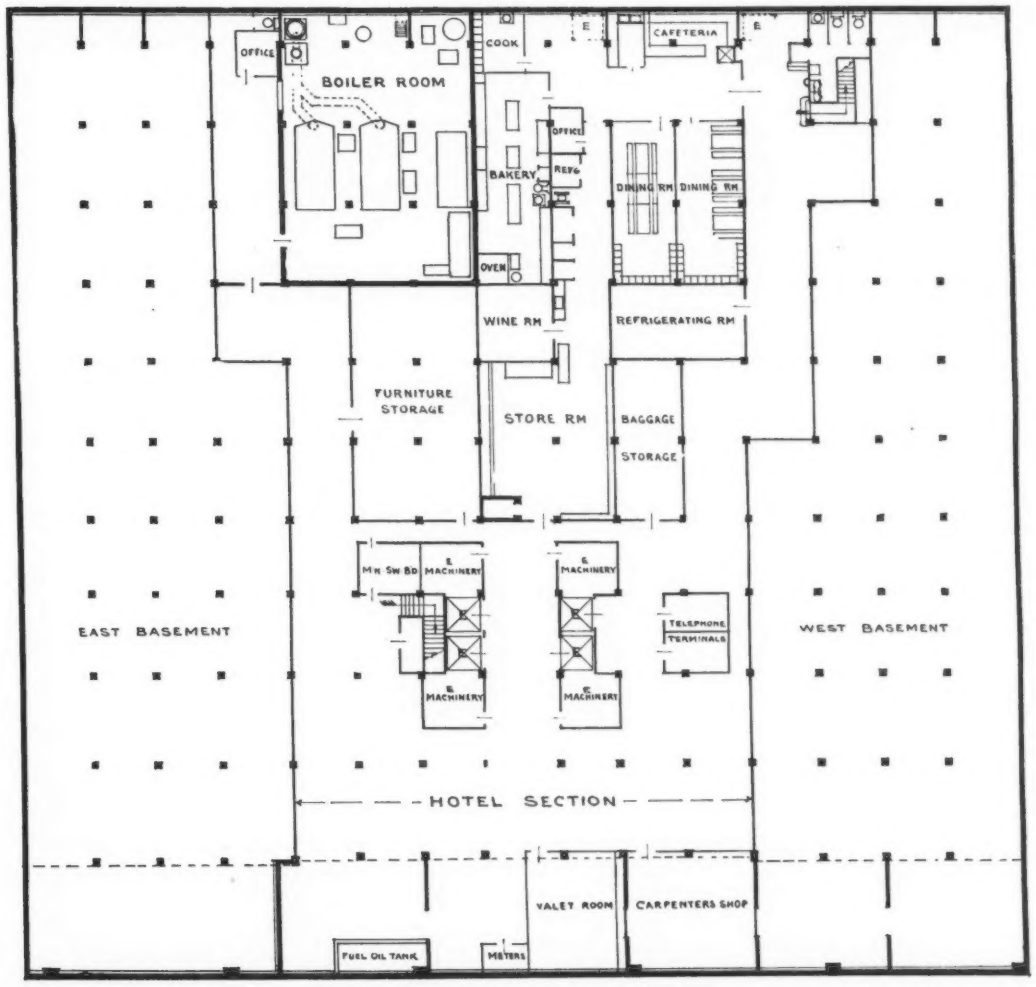
LOBBY LOOKING TOWARD DINING ROOM

HOTEL WHITCOMB, SAN FRANCISCO

WRIGHT & RUSHFORTH, ARCHITECTS



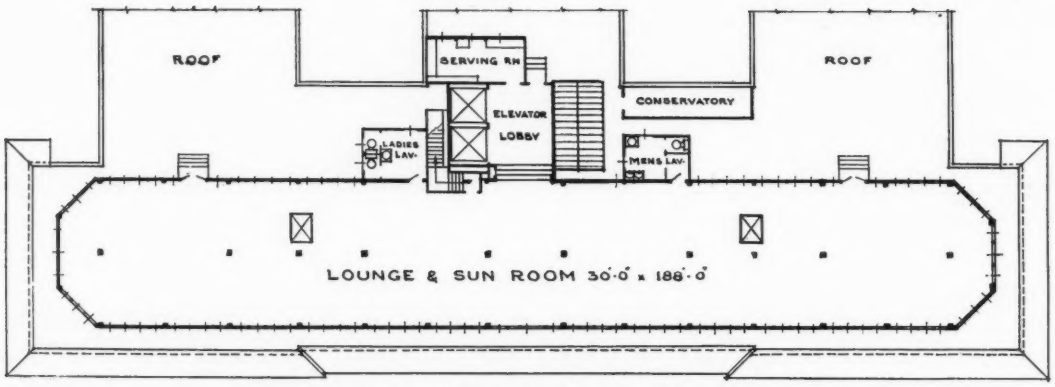
FIRST FLOOR PLAN



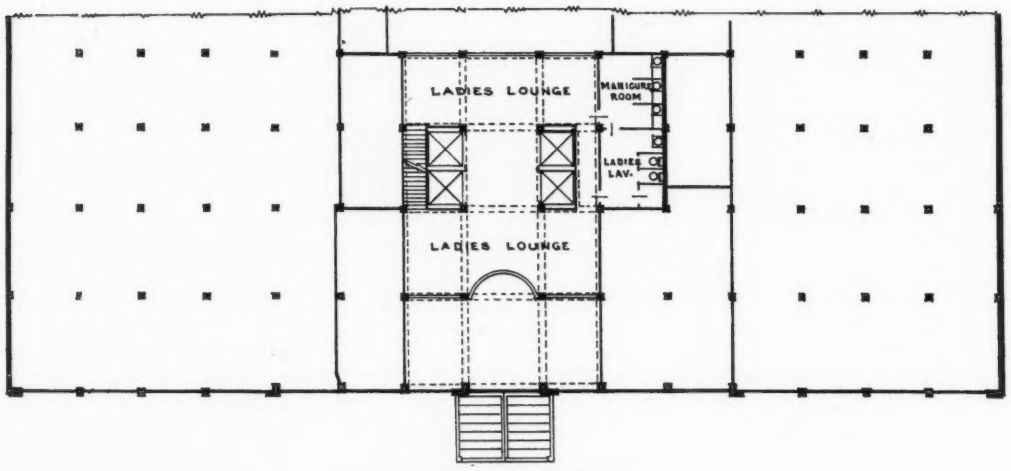
BASEMENT PLAN

HOTEL WHITCOMB, SAN FRANCISCO

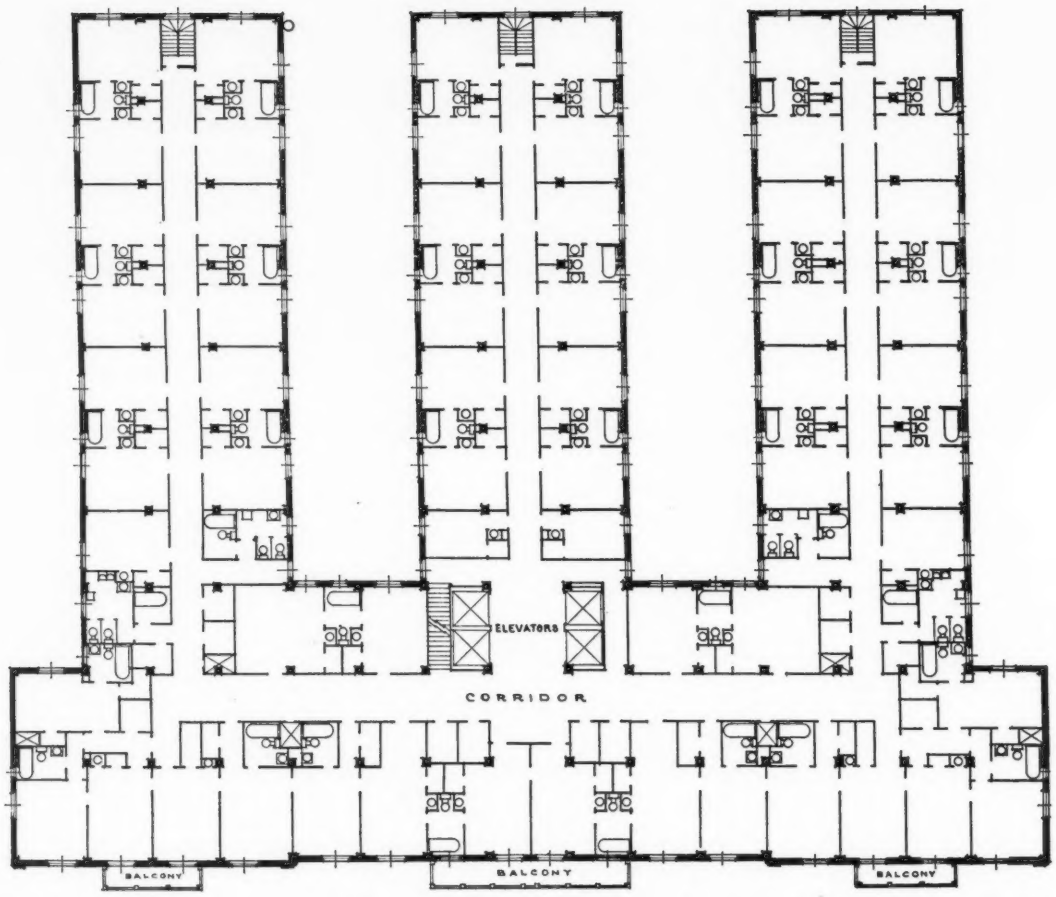
WRIGHT & RUSHFORTH
ARCHITECTS



PLAN OF LOUNGE AND SUN ROOM, EIGHTH FLOOR



PLAN OF MEZZANINE FLOOR



TYPICAL FLOOR PLAN

HOTEL WHITCOMB, SAN FRANCISCO

WRIGHT & RUSHFORTH, ARCHITECTS

Current Notes and Comments

HOTEL WHITCOMB---SAN FRANCISCO
AMERICA'S NEWEST HOSTELRY

THIS magnificent hotel, just completed and opened, is located on the south side of Market Street, San Francisco, between Eighth and Ninth Streets. The size of the lot is two hundred feet frontage on Market Street, with a depth of two hundred and seventy-five feet.

The main hotel building consists of a basement, seven stories, and a roof lounge one hundred and eighty-five feet long. At the rear is a large, modern garage (which is free to hotel guests); also an up-to-date laundry and automobile repair shop, etc. Plans for the structure were commenced in 1910, the building being commenced the following year, and occupying about a year in building. The structure is a fireproof one, consisting of steel columns encased in concrete and reinforced concrete walls, floors and roof. The six upper stories contain about four hundred unusually large rooms, every one of which has an outside exposure with ample sun and light. There are no "inside" rooms. The partition walls are either concrete, brick or metal, with hardwall plaster surfaces on both sides, while the entire inside finish is Jenisero hardwood, a very beautiful and highly prized inside finish.

In addition to the four hundred rooms before mentioned, there are twenty-four public bathrooms and twenty-four public lavatories for both ladies and gentlemen, all finished in white tile, and up-to-the-minute plumbing fixtures.

The original building, while being planned with exceptional care as a modern hotel, was, in addition, also temporarily constructed for the use of the city as municipal offices, until such time as a new city hall for San Francisco could be made ready.

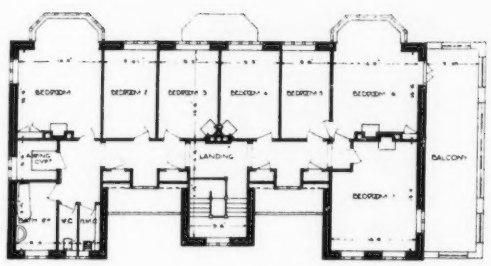
The recently completed work consisted not only of the removal of portions of the building that were originally designed to suit the city, but the completion of the partially finished scheme for the hotel, as originally planned. The cost of the portion of the building as at first erected was $700,000, and with the completed additions and improvements, the building as it stands today represents an outlay of about $1,100,000, and plus the value of the land upon which it stands, with equipment, furnishings, etc., will approach another million dollars in valuation, or an outlay of over two million dollars. No pains have been spared in making this hotel one of the best in the country. The rooms are exceptionally large, finished and electrically lighted in the most approved manner, well furnished, and supplied with every convenience and comfort. The building contains nearly two hundred and fifty tiled bathrooms with built-in bathtubs,

TYPICAL ELEVATOR LOBBY AND HALL, HOTEL WHITCOMB
WRIGHT & RUSHFORTH, ARCHITECTS

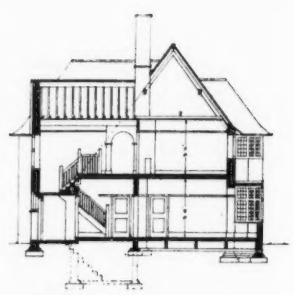
(Continued on page 396)

GARDEN FRONT

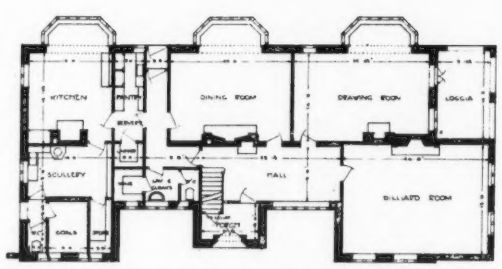
GARDEN FRONT



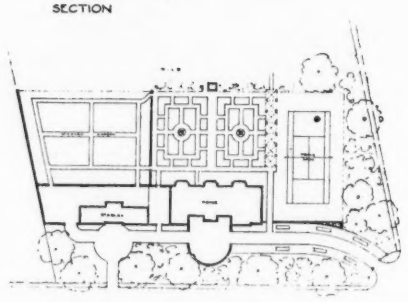
FIRST FLOOR



SECTION



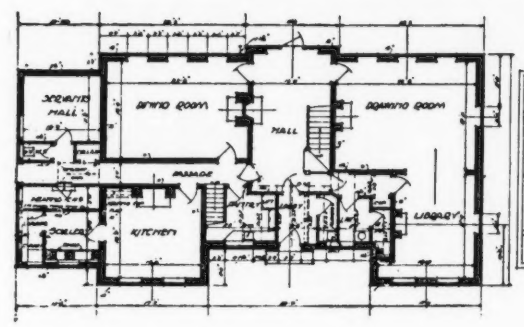
FIRST FLOOR - - GROUND FLOOR

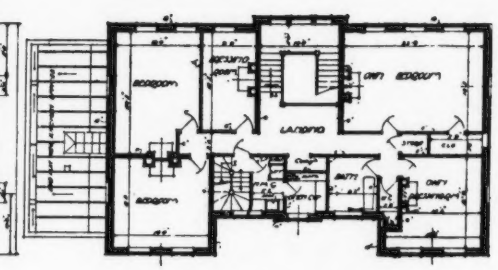


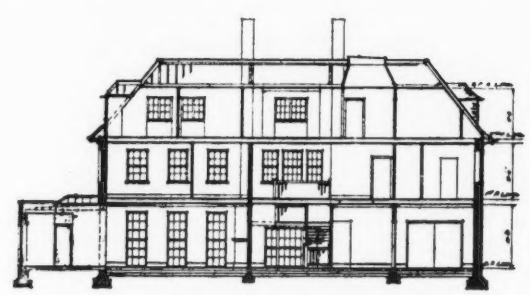
GARDEN PLAN - - SECTION

HOMEWOOD HOUSE, CUFFLEY, HERTS

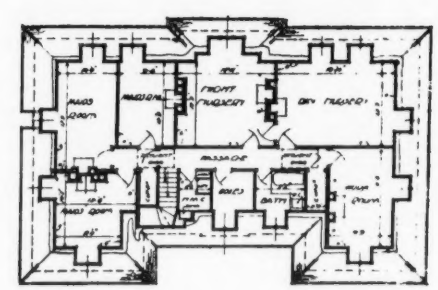
ALLEN & THOMPSON, ARCHITECTS







GROUND FLOOR - - FIRST FOOR



SECOND FLOOR - - SECTION

ALDENHAM GRANGE, ALDENHAM, HERTS

WALTER CAVE, ARCHITECT

ENTRANCE FRONT. ALDENHAM GRANGE, ALDENHAM, HERTS
WALTER CAVE, ARCHITECT

ENTRANCE FRONT. HOMEWOOD HOUSE, CUFFLEY, HERTS
ALLEN & THOMPSON, ARCHITECTS

"THE ARCHITECTURAL REVIEW," London.

Current Notes and Comments

(Continued from page 393)

wash bowls, and other fixtures and fittings of the most approved type, including shower-bath arrangements.

About eighty feet of the frontage on the first story on Market Street has been devoted to the hotel entrance and foyer, which is approximately seventy feet deep. Here are found four fast-running elevators with handsome cars specially arranged to afford comfortable, safe riding, and supplied with the latest modern safety devices.

Adjacent to the elevators are the public hotel offices, also private offices for the manager, auditor, assistant manager, stenographers, etc. On the west side of the hotel foyer will be found telegraphic office, news stand, telephone exchange, public phone booths, check rooms, ladies' dressing room, and other essentials necessary in a properly equipped, modern hotel.

The main hotel lobby, which is forty-four by fifty feet in size, is provided with marble and ceramic tile flooring. The solid marble columns and pilasters, nearly twenty feet high, are of Verd d'Estee, a most beautiful French marble specially imported. The wainscot of the foyer lobby is of Pavonazzo, an Italian marble, about ten feet high. The ceiling is highly ornamental in character, finished in gold. The entire foyer and lobby compare very favorably with those of any Eastern or Western hostelry.

Opening directly off the lobby is the spacious arabesque dining room, sixty-six by forty-eight feet, well lighted and ventilated, the room being wainscoted in carefully selected Jenisero hardwood.

For the purpose of insuring the comfort and quick service to guests, the kitchen (which is forty-eight by forty feet) has been placed on the first floor immediately adjoining the main dining room, and is provided with every known appliance and convenience essential to a perfect culinary service. Next to and adjoining the kitchen will also be found a well-appointed dining room, fifty by thirty-two feet, for special occasions. A third dining room, twenty-four by sixteen feet, has also been provided for smaller parties, luncheons, etc.

The basement is exceptionally well lighted and ventilated, and here will be found the servants' dining rooms, and a cafeteria for their exclusive use, vegetable rooms, ice-making plant, cold storage, bakery, wine storage, baggage rooms, storekeeper's department, furniture and general store rooms, valet rooms, etc., carpenter shop, also boiler room equipment, comprising two fifty-horsepower boilers, pumps, vacuum cleaning machinery and other modern hotel requirements.

Mention may be made of the mezzanine floor, which is set aside for ladies, and from which good views are obtained of the entrance foyer and hotel lobby.

One very attractive feature is a sterilizing and filtering plant for the entire water supply of the building, and which, although everywhere essential for the health of guests, is not always a part of the ordinary hotel equipment.

The front portion of the spacious roof has been devoted to a sun lounge and observation pavilion, one hundred and eighty-five feet long, from which unexcelled views of the city and surrounding country on all sides may be enjoyed. Two spacious elevators make it easy for the most delicate visitor to view in comfort, a vista which is unexcelled anywhere. This roof lounge feature is already the scene of frequent enjoyable social events.

The decorative electric lighting effects of the entire front and ends of the hotel (upon which between five and six thousand lamps are employed), as well as the method of illuminating the flags over the hotel at night, are a source of much favorable comment.

The Hotel Whitcomb was planned by and constructed under the personal supervision of the architects, Messrs. Wright and Rushforth, of San Francisco, assisted by Consulting Engineers W. W. Hanscom and Thomas Morrin, to whom were entrusted the arrangements for the electrical and mechanical equipment, respectively. Mr. P. J. Cole acted as superintendent of construction. The decorative work was in charge of Mr. Charles F. Ingerson, representing the Herter Looms, New York City.

THE BUILDING SITUATION

Building operations throughout the country continue with but little abatement, the first quarter of this year showing a loss of only a fraction of one per cent as compared to 1916, while 1916 displayed a great gain over 1915. Hoggson Brothers, the New York and Chicago builders, announce that they started active operations in April on five buildings for banks alone in different sections.

The impression is gaining strength that while present costs of materials entering into the construction of buildings appear to be high, the prospects are for prices to go to still higher levels. The *American Architect* points out that inasmuch as a dollar will buy only three-fourths as much of any commodity as it would three years ago, the cost of building is in practically the same ratio to former costs.

"It is possible to enumerate one reason after another in favor of the contention that present prices are low—not high," declares that paper. "If owners can be made to see that the really pertinent comparisons of costs are with the future rather than the past, building cannot fail to take on greater activity. Viewed in this light, present prices for building materials actually appear to be bargain prices."

Authorities for the most part seem agreed that the chances for building material prices to take a drop are quite remote, whether hostilities continue for some time or whether peace should come within the near future. It is argued that the after-war demand on our industrial resources will be infinitely greater than they have been. France has just recently closed a contract involving two hundred million francs, most of which sum is to be spent in America for building materials to be used in the reconstruction of important buildings in cities in the vicinity of Verdun, the Argonne and the heights of the Meuse.

The danger of a cessation of building activities does not lie so much in the impression that prices are too high as it does in an attempt to carry the economy idea to harmful lengths. Nothing could be more injurious than indiscriminate delaying of plans for building. This would create an industrial situation that would be far reaching in its evil effects.

The government is actually carrying on a campaign against the holding up of industrial activities, Howard E. Coffin, of the Advisory Commission of the Council of National Defense, declaring that "waste is bad, but an indiscriminating economy is worse. Unemployment and closed factories brought about through fitful and ill-advised campaigns for public and private economy, will prove a veritable foundation of quicksand for the serious work we have on hand. We need prosperity in war times even more than when we are at peace. Business depressions always are bad, but doubly so when we have a fight on our hands. The declaration of war can have no real evil effect on business. What bad effects are apparent are purely psychological and largely of our own foolish making. For our markets are the same in April as they were in March. We need more business, not less. There is real danger in hysteria. Indiscriminate economy would be ruinous. Now is the time to open the throttle."

Two years ago the prospective builder was urged to "Build Now" to secure the advantage of low prices and to give employment to idle labor. Today he is urged to "Build Now" so as to keep skilled labor employed, to keep the wheels of industrial activity going, and to take advantage of present prices, lest he be forced to pay even more if he delays.—*The Builder and Contractor.*

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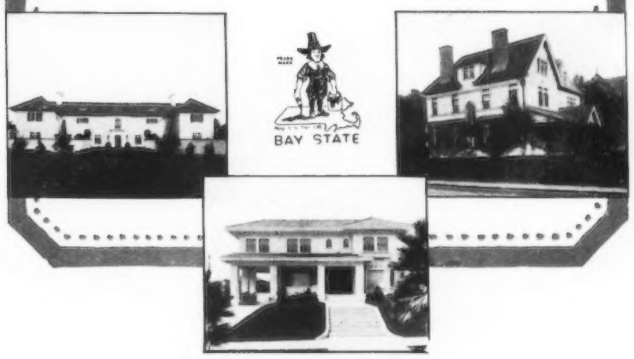

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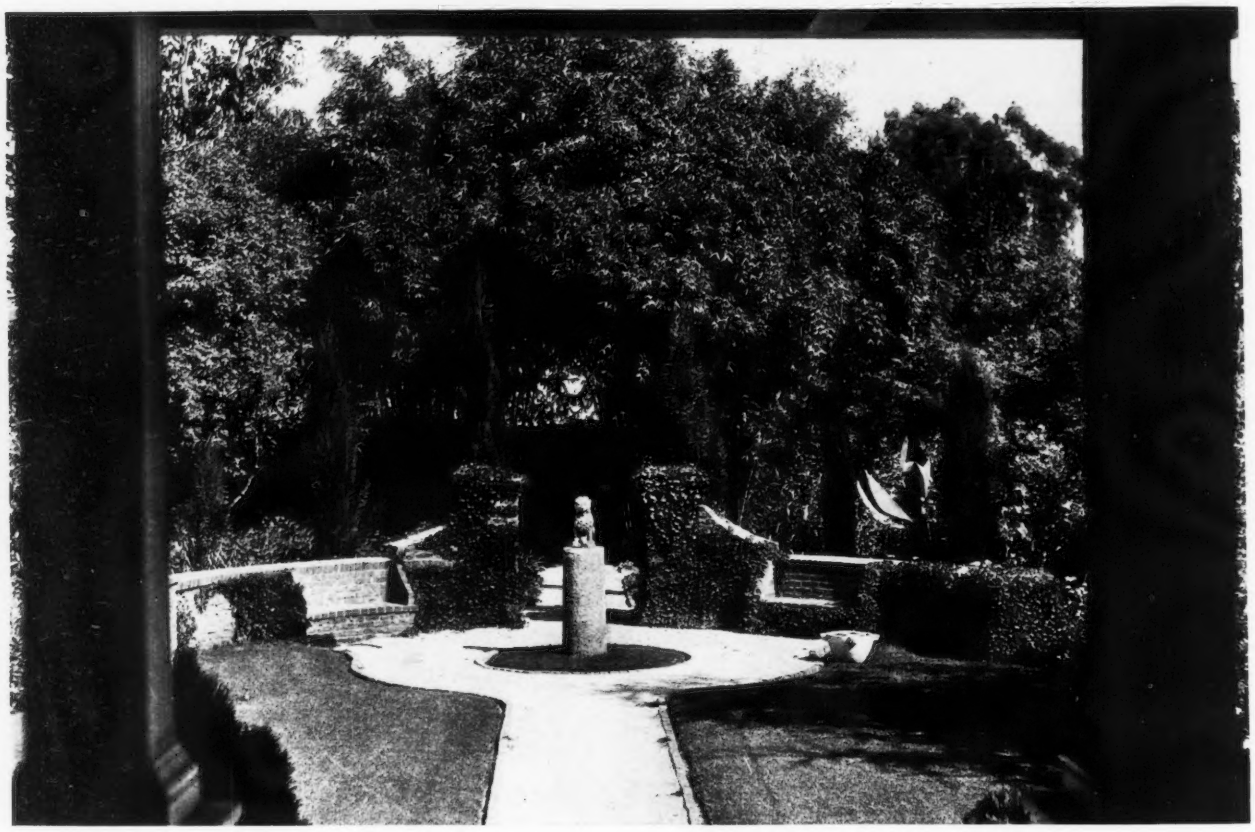
THE ARCHITECT

VOL. XIII. SAN FRANCISCO, JUNE, 1917 NO. 6



A Garden Terrace---Below the main floor of this hillside bungalow is the loggia opening on to the terrace

Editorial.

A REQUEST for help has come from the Professional Classes War Relief Council, which must appeal very strongly to members of this profession, who know how difficult it is for an architect to provide against periods of inactivity, even in times of normal conditions and prices. Here in America, where business has been stimulated and money circulation increased by the war, it behooves us to show our sympathy with our professional brothers. When we of San Francisco remember the readiness and generosity with which relief came from all quarters at the time of our great catastrophe, we ought to respond now to the extent of our ability, whether much or little.

The following statement is issued by a committee of representative American architects:

The undersigned, American citizens who follow the profession of architecture, make this appeal to all their fellows. Will you, as one of us, give what you can?

Give as much as you can; but remember that the great thing is to give *something*, much or little, that by our unanimous response we may plainly show real sympathy with our professional brethren across the sea in their distress.

Let us help pay a bit on account of our debt to England for the awful burden she bears in this war, for what she has given us of race, of ideals, of civilization.

Let us help to prevent the submergence of a class that is a priceless element in our race.

And when you have given, will you constitute yourself a committee of one to ask your friends to give? For this purpose we will send you copies of the appeal upon request.

We have most thoroughly investigated this particular relief and it is absolutely good. That we vouch for.

The lawyers, engineers and other professional bodies of this country, are organized to help; the architects must not lag behind.

He gives twice who gives quickly.

Cass Gilbert, Chairman; C. Grant LaFarge, Treasurer; John Lawrence Mauran, S. B. P. Trowbridge, Lloyd Warren, Wm. Adams Delano, Chester H. Aldrich, William A. Boring, R. Clipston Sturgis, Charles A. Coolidge, William Mitchell Kendall, Frank Miles Day, Burt L. Fenner, Donn Barber, Charles A. Favrot, John Russell Pope, Charles A. Platt, Glenn Brown, John Galen Howard, J. B. N. Wyatt, Thomas G. Holyoke, John M. Donaldson, Ellis Lawrence, Abram Garfield, Bertram Grosvenor Goodhue.

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Official News of Pacific Coast Chapters, A. I. A.

The Architect is the Official Organ of the San Francisco Chapter, Southern California Chapter and Washington State Chapter, A. I. A.

The regular minutes of meetings of all Pacific Coast Chapters of the American Institute of Architects are published on this page each month.

San Francisco Chapter, 1881—President, Edgar A. Mathews, 251 Post Street, San Francisco, Cal. Secretary, Morris M. Bruce, Flood Building, San Francisco, Cal. Chairman of Committee on Public Information, William B. Faville, Balboa Building, San Francisco. Chairman of Committee on Competition, William Mooser, Nevada Bank Building, San Francisco. Date of Meetings, third Thursday of every month; Annual, October.

Southern California Chapter, 1894—President, J. E. Allison, 1405 Hibernian Building, Los Angeles, Cal. Secretary, A. R. Walker, 1402 Hibernian Building, Los Angeles, Cal. Chairman of Committee on Information, W. C. Pennell, Wright & Callender Building, Los Angeles. Date of Meetings, second Tuesday; except July and August at Los Angeles.

Oregon Chapter, 1911—President, Joseph Jacobberger, Board of Trade Building, Portland, Ore. Secretary, W. C. Knighton, 307-309 Tilford Building, Portland, Ore. Chairman of Committee on Public Information, Joseph Jacobberber. Date of Meetings, third Thursday of every month at Portland; Annual, October.

Washington State Chapter, 1894—President, Charles H. Bebb, Seattle. First Vice-President, Daniel R. Huntington, Seattle. Second Vice-President, George Gove, Tacoma. Third Vice-President, L. L. Rand, Spokane. Secretary, J. C. Coté, Seattle. Treasurer, Ellsworth P. Storey, Seattle. Counsel, Charles H. Alden. Date of Meetings, first Wednesday, except July, August and September at Seattle, except one in spring at Tacoma. Annual, November.

The American Institute of Architects—The Octagon, Washington, D. C. Officers for 1917: President, John Lawrence Mauran, St. Louis, Mo.; First Vice-President, C. Grant La Farge, New York City, N. Y.; Second Vice-President, W. R. B. Willcox, 400 Boston Block, Seattle, Wash.; Secretary, Burt L. Fenner, New York City, N. Y.; Treasurer, D. Everett Waid, 1 Madison Ave., New York City, N. Y.

Board of Directors for One Year—Charles A. Coolidge, 122 Ames Building, Boston, Mass.; Charles A. Favrot, 505 Perrin Building, New Orleans, La.; Elmer C. Jensen, 1401 New York Life Building, Chicago, Ill. *For Two Years*—Edwin H. Brown, 716 Fourth Avenue, Minneapolis, Minn.; Ben J. Lubschez, Reliance Building, Kansas City, Mo.; Horace Wells Sellers, 1301 Stephen Girard Building, Philadelphia, Pa. *For Three Years*—William B. Faville, Balboa Building, San Francisco, Cal.; Burt L. Fenner, New York City; Thomas R. Kimball, Omaha, Neb.

Minutes of Washington State Chapter

The regular monthly meeting of the Washington State Chapter of the American Institute of Architects was held at the Woman's Exchange 209 Union Street, May 2, 1917, at 6 p. m.

The following members were present: Messrs. Bebb, Baeder, Blackwell, Willatzen, Alden, Schack, Loveless, Richardson, Coté. President Bebb in the chair.

MINUTES

The minutes of the last meeting were read and approved.

COMMITTEE REPORTS

Competition—Mr. Bebb, chairman, reported regarding a competition recently called for a model brick house in California.

Civic Design—Mr. Alden, chairman, reported that the cost of holding the Traveling Exhibit on Town Planning, in accordance with some correspondence which he had with the National Committee on Town Planning, would be one hundred dollars, and suggested that a good time to hold such an exhibit would be the early part of next winter, and also suggested that in this exhibit be included the drawings and photographs of the group plan for the State Capitol at Olympia, Washington, as prepared by Wilder and White, architects.

Recommended that the Chapter write a letter to the Metropolitan Building Company, of Seattle, expressing the Chapter's appreciation of the fine design of the oil station which the company had recently erected in front of the Metropolitan Theater.

Reported that a cut required in connection with the publication in the *Municipal League News* of Mr. Willcox's paper on "Municipal Development of the City of Seattle," read at the March meeting of the Chapter, would cost $3.50.

Following this report, the Chapter voted to write Messrs. Wilder and White regarding illustrative material of the Capitol group plan; to write a letter to the Metropolitan Building Company; and to instruct the Committee on Civic Design to work out a tentative plan regarding the holding of the Traveling Exhibit on Town Planning, and to report at the next Chapter meeting. All motions carried.

Conference Committee—In the absence of Mr. Stephen, chairman, Mr. Coté reported that final arrangements had been made with the joint committee of the Master Builders' Association concerning the second annual banquet to be held on May 4th between the members of the Chapter and members of the Master Builders' Association of Seattle.

Legislative—Mr. Alden read a copy of the resolution prepared to be sent to Senator Wray, in connection with the registration bill at the last Legislature. The form of resolution was adopted.

Correspondence—Letters received during the month were read and disposed of.

The next order of business was the reading of the proposed standard form of Chapter Constitution and By-Laws, recently received from Mr. Frederick W. Perkins, chairman of the Committee on Chapters, A. I. A. After the reading of the Constitution, a motion was made by Mr. Baeder to approve the same as presented. Motion carried.

By-Laws—It was moved to recommend that the title, Board of Directors, be uniformly used throughout, instead of referring to Executive Committee, Council, etc. Moved by Mr. Willcox that the third paragraph of Article III, Section 5, be stricken out. Carried. Moved by Mr. Blackwell that the third paragraph of Article IV, Section 4, have the words "two-thirds vote" changed to "majority vote." Carried. And finally it was moved by Mr. Alden that the Chapter wished to approve the general form of the By-Laws, excepting a certain number of details which did not appear to be necessary in the standard document. Motion carried. It was then moved by Mr. Willatzen that the standing committee of the Chapter on Constitution and By-Laws forward these views to Mr. Perkins, and to the Octagon. Motion carried.

Meeting adjourned.

J. S. Coté, Secretary.

Minutes of San Francisco Chapter

Minutes not received in time for this issue.

Minutes of Southern California Chapter

Minutes not received in time for this issue.

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· AMBLER · PENNA · U·S·A ·

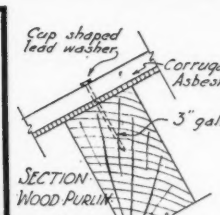
SERVICE SHEET · 3 · NO · 11

· DATED · JANUARY · 1916 ·

TABLE · OF · PURLIN · SPACING FOR ROOFING			
COURSE AT · EAVES ·			
Length of Sheet	A	B	C
4'-0"	6"	19½"	3"
5'-0"	6"	25½"	3"
6'-0"	6"	31½"	3"
7'-0"	6"	25"	3"
8'-0"	6"	29"	3"
9'-0"	6"	33"	3"
10'-0"	6"	27¾"	3"
· INTERMEDIATE · COURSE ·			
4'-0"	3"	21"	3"
5'-0"	3"	27"	3"
6'-0"	3"	33"	3"
7'-0"	3"	26"	3"
8'-0"	3"	30"	3"
9'-0"	3"	34"	3"
10'-0"	3"	28½"	3"
COURSE · AT · RIDGE			
4'-0"	3"	19½"	6"
5'-0"	3"	25½"	6"
6'-0"	3"	31½"	6"
7'-0"	3"	25"	6"
8'-0"	3"	29"	6"
9'-0"	3"	33"	6"
10'-0"	3"	27¾"	6"

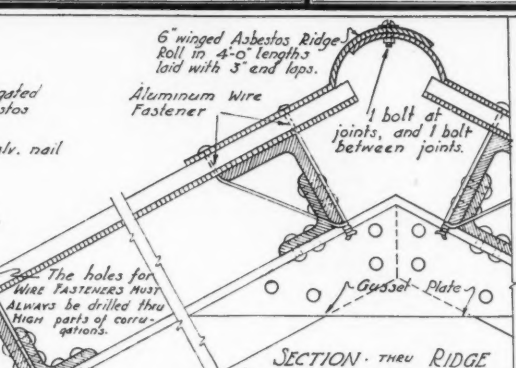
All sheets are 27½" wide, made with 11 corrugations.

· ASBESTOS · CORRUGATED · ROOFING · BEING · APPLIED ·



SECTION · WOOD PURLIN

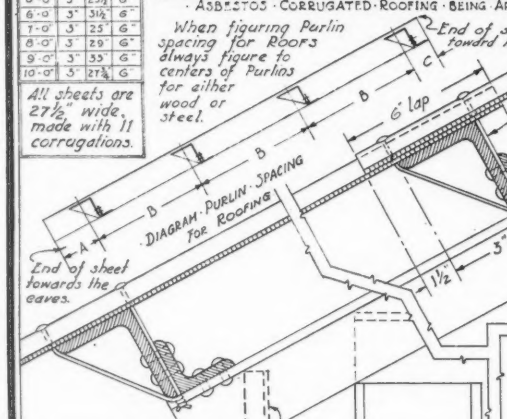
Roofing fastened at center of Purlin with 3" galv. nail



The holes for WIRE FASTENERS MUST ALWAYS be drilled thru HIGH parts of corrugations.

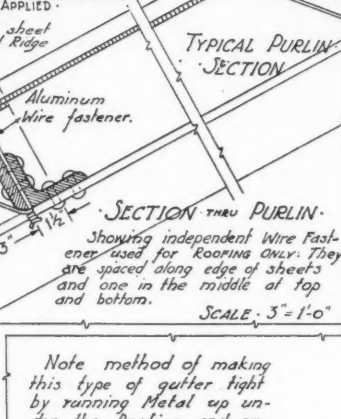
SECTION · THRU RIDGE
Showing the application of PURLINS, ROOFING and RIDGE ROLL.
SCALE 3" = 1'-0".

When figuring Purlin spacing for Roofs always figure to centers of Purlins for either wood or steel.

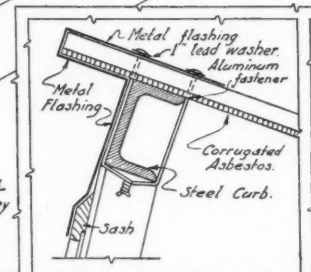


· DIAGRAM · PURLIN · SPACING FOR ROOFING

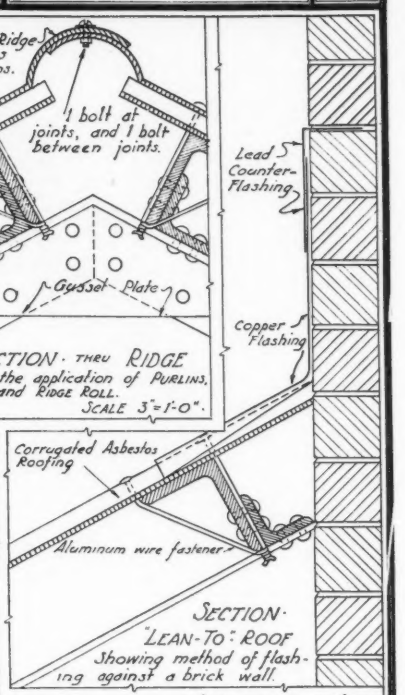
TYPICAL PURLIN · SECTION



· SECTION THRU PURLIN ·
Showing independent Wire Fastener used for ROOFING ONLY. They are spaced along edge of sheets and one in the middle at top and bottom.
SCALE · 3" = 1'-0"

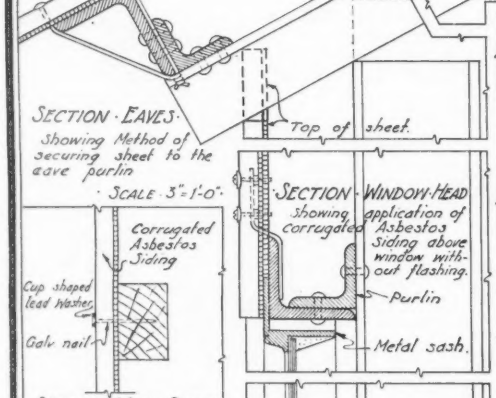


· SECTION · TOP SAWTOOTH
Showing method of flashing.
SCALE · 3" = 1'-0"

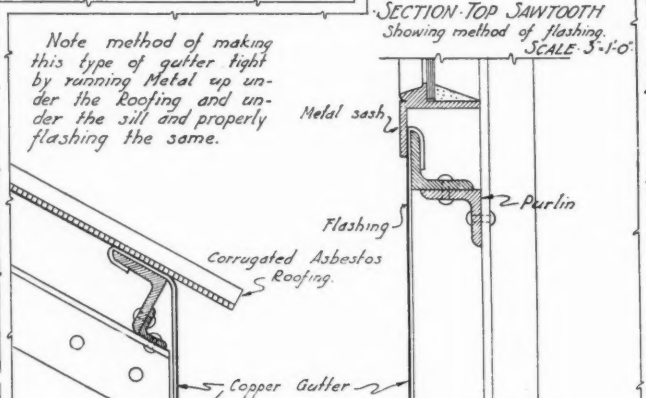


SECTION ·
"LEAN-TO" ROOF
Showing method of flashing against a brick wall.

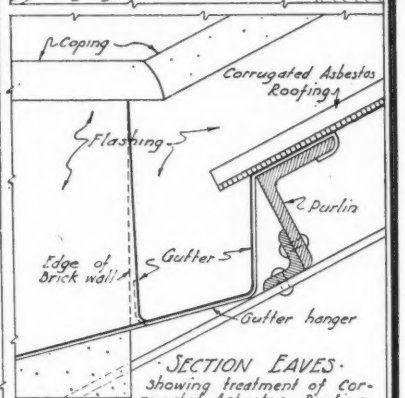
Note method of making this type of gutter tight by running Metal up under the Roofing and under the sill and properly flashing the same.



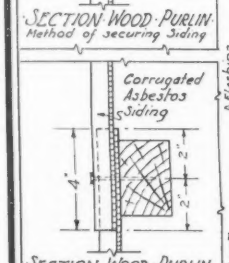
SECTION · EAVES ·
Showing Method of securing sheet to the eave purlin
SCALE · 3" = 1'-0"



SCALE · 3" = 1'-0" · GUTTER · TREATMENT SAWTOOTH ROOF

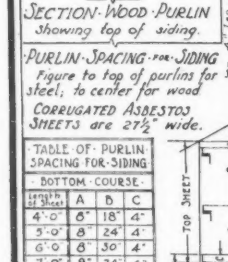


· SECTION EAVES ·
Showing treatment of Corrugated Asbestos Roofing with Curtain Walls or Pilasters.
SCALE · 3" = 1'-0"

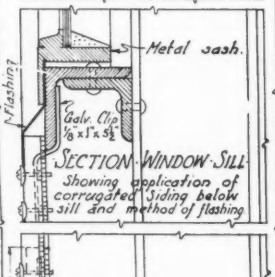


· SECTION · WOOD · PURLIN
Method of securing Siding

· SECTION · WINDOW · HEAD
Showing application of corrugated Asbestos Siding above window without flashing.



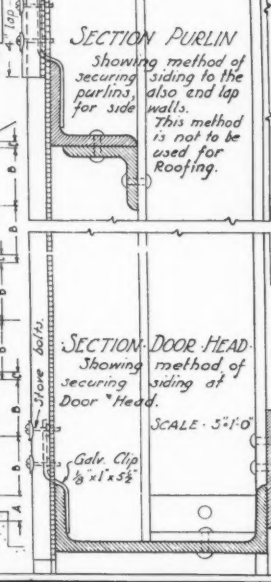
· SECTION · WOOD · PURLIN
Showing top of siding.



· SECTION · WINDOW · SILL
Showing application of corrugated Siding below sill and method of flashing

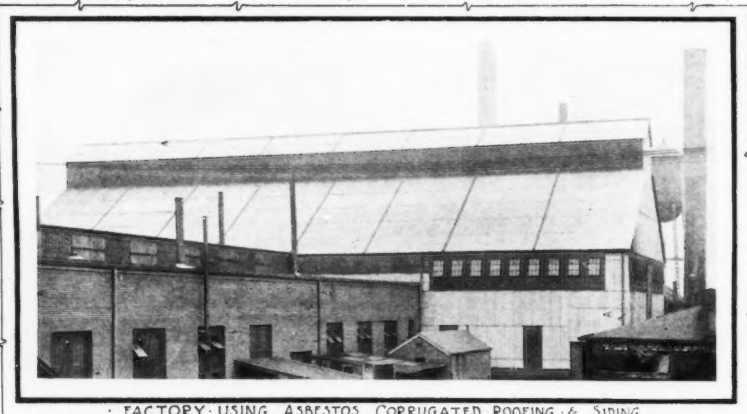
· PURLIN · SPACING · FOR · SIDING
Figure to top of purlins for steel; to center for wood
CORRUGATED ASBESTOS SHEETS are 27½" wide.

TABLE · OF · PURLIN SPACING FOR · SIDING			
· BOTTOM · COURSE ·			
Length of Sheet	A	B	C
4'-0"	8"	18"	4"
5'-0"	8"	24"	4"
6'-0"	8"	30"	4"
7'-0"	8"	24"	4"
8'-0"	8"	28"	4"
9'-0"	8"	32"	4"
10'-0"	8"	27"	4"
INTERMEDIATE · COURSE			
4'-0"	0"	22"	4"
5'-0"	0"	28"	4"
6'-0"	0"	34"	4"
7'-0"	0"	26⅔"	4"
8'-0"	0"	30⅔"	4"
9'-0"	0"	34⅔"	4"
10'-0"	0"	29"	4"
· TOP · COURSE ·			
4'-0"	0"	22"	4"
5'-0"	0"	28"	4"
6'-0"	0"	34"	4"
7'-0"	0"	26⅔"	4"
8'-0"	0"	30⅔"	4"
9'-0"	0"	34⅔"	4"
10'-0"	0"	29"	4"

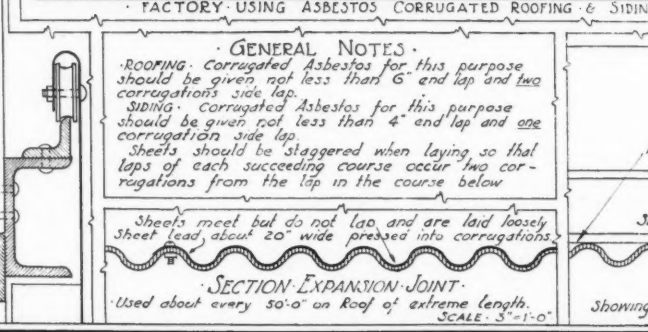


SECTION PURLIN
Showing method of securing siding to the purlins, also end lap for side walls. This method is not to be used for Roofing.

SECTION · DOOR · HEAD ·
Showing method of securing siding at Door "Head.
SCALE · 3" = 1'-0"



· FACTORY · USING ASBESTOS CORRUGATED ROOFING · & · SIDING



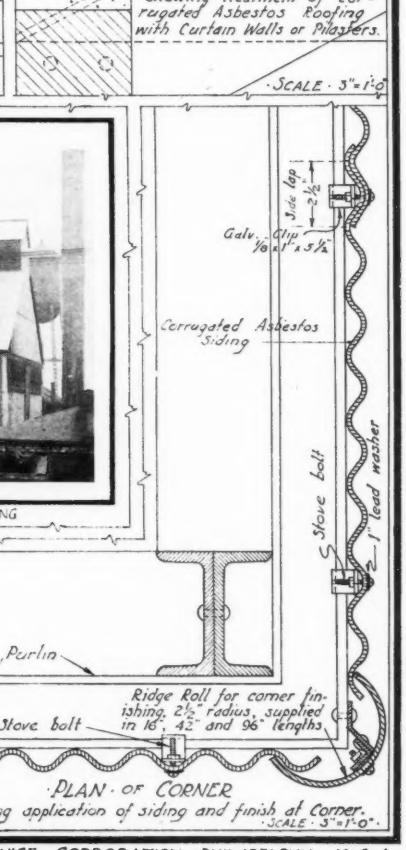
· SECTION · EXPANSION · JOINT ·
Used about every 50'-0" on Roof of extreme length.
SCALE · 3" = 1'-0"

· GENERAL NOTES ·

· ROOFING · Corrugated Asbestos for this purpose should be given not less than 6" end lap and two corrugations side lap.

SIDING · Corrugated Asbestos for this purpose should be given not less than 4" end lap and one corrugation side lap.

Sheets should be staggered when laying so that laps of each succeeding course occur two corrugations from the lap in the course below



· PLAN · OF CORNER
Showing application of siding and finish at Corner.
SCALE · 3" = 1'-0"

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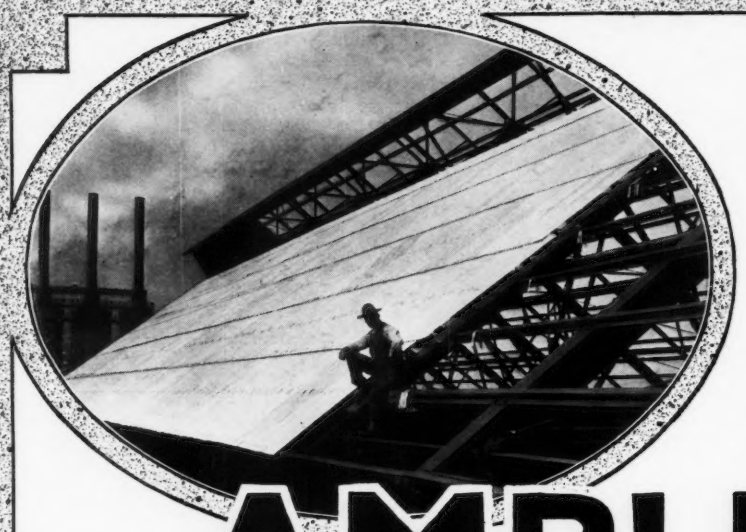
FRONTISPIECES

January— Decoration, State Capitol Rotunda, by Arthur F. Mathews.
February—Main Entrance, California State Capitol Building.
March— "The Witch Tree," by C. K. Bonestell, Jr.
April— Auditorium Entrance, Chautauqua of the Pacific, by Allison & Allison.
May— Church at Arques, France.
June— Larkin Street Entrance, The San Francisco Public Library, George W. Kelham, Architect.



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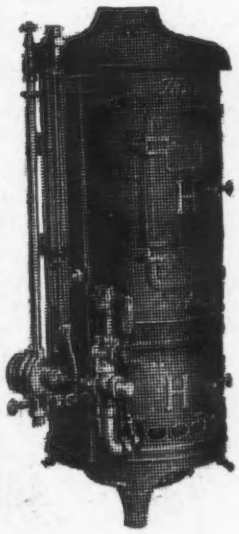

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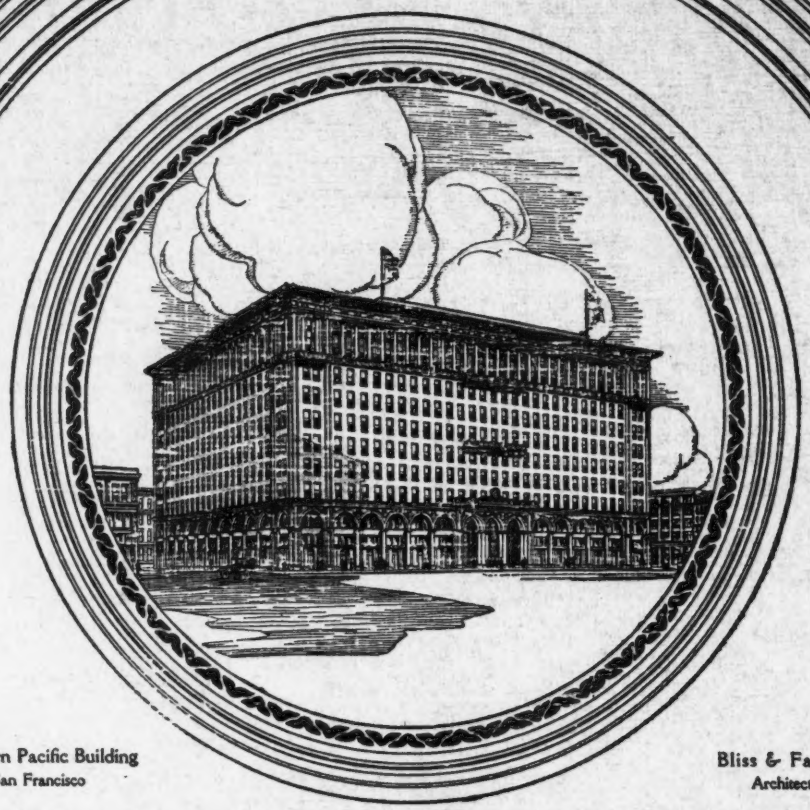

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